ROCHESTON®

The Rules of Engagement Have Changed. Resecure Everything.™

WHO WE ARE

Rocheston, a young New York based start-up, though in its nascent stage, is a company that is raring to go. Founded in March 2016, Rocheston has a worldwide presence, with registered headquarters in New York, an operational office located in Chennai, and branches in Singapore, and Dubai.

Our team consists of young, liberal, innovative and forward-thinking individuals who want to make a difference and change the world. At its core, Rocheston is a next-generation innovation company, with cutting-edge research and development in emerging technologies such as Cybersecurity, Internet of Things, Big Data and automation.

WHAT WE DO

With excellent out-of-the-box thinking, Rocheston strives to explore new challenges, and create a world of new possibilities, by bringing forth knowledge about cutting-edge technologies that evolve every day.

STEERING THE HELM

Our Founder and CTO, **Mr. Haja Mohideen,** has over thirty years of experience in Information Technology. Passionate about technology, **Mr. Haja is an expert in innovation**, cybersecurity engineering, entrepreneurship, and a visionary by nature.
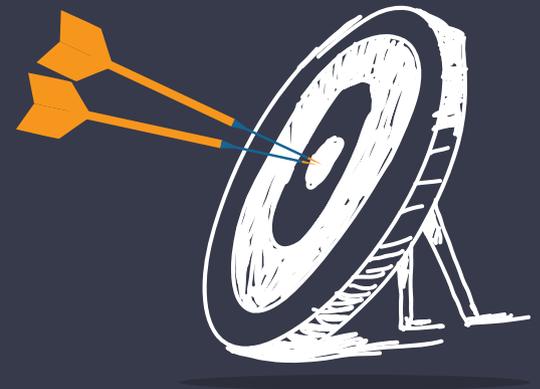
Mr. Vasanth Davis is the current CEO of the company. At Rocheston, **Mr. Davis inspires the team to develop and implement global benchmark** standards, in assessment and evaluation, brand positioning and customer engagement processes for services, businesses and organizations.

MISSION STATEMENT

OUR MISSION

We strive to be the acknowledged global leader in business accreditation standards by helping companies succeed in rapidly evolving technology markets.

OUR VISION

To be a game-changer in setting global benchmarks in the areas of certification and training, standards, awards and recognition. Our goal is to pursue excellence and become world leaders, offering knowledge sharing in emerging technologies.

CERTIFICATION & TRAINING

Our flagship programs, such as the **Extreme Hacking® NeXTGEN™, Cybersecurity Compliance Officer, Rocheston Certified Cybersecurity Engineer** are designed to train individuals and companies so that they can thrive in today's dynamic and fast-paced cybersecurity domain.

Demand for Cybersecurity Professionals

Cybersecurity is a constantly evolving and highly volatile space in the contemporary world. Packed with fascinating possibilities, this is a domain that is waiting to explode into the world any moment. To face the various emerging threats in the cyberworld, we need to prepare ourselves with adequate knowledge and expertise. One of the greatest hindrances to mitigating cybercrime is the lack of qualified and skilled professionals trained in cyber security.

Cybersecurity Job Data Statistics

Dealing with these attackers should be made a number one priority but with average skilled professionals working on the mitigation of the cybercrime, there is clearly never going to be any positive progress.

- It is predicted that there will be about 3.5 million unfilled cybersecurity positions by 2021.
- Cybercrime is predicted to cost $6 trillion annually worldwide by 2021.
- According to the UK House of Lords Digital Skills Committee, there is a projected global shortage of 2 million cybersecurity professionals by 2019.
- As per The National Association of Software and Services Companies (NASSCOM) recent estimation, India alone will need 1 million cybersecurity professionals by 2020.
- Israel, the world's second largest exporter of cybersecurity technology behind the U.S. is said to be leading global employer demand for cybersecurity talent.
- Cybercrime is predicted to more than triple the number of job openings in the next 5 years.

Take our certification classes anytime, anywhere with **Cyberclass®** Android and iOS Apps. Take a lesson, assessment, interact with our trainers, schedule exams, in our **Cybernetwork®** labs and manage your certification profile.

Training: The Process

- Classroom based training is provided on Rocheston's premises or at the partner location.
- Training involves blended learning, i.e. theory as well as hands-on learning.
- Students can access all training material online via our very own e-learning platform **Cyberclass®**.
- **Rocheston Cyberclass®** can be accessed remotely, from any corner of the world, provided the student uses a secure network connection.
- Most of our courses have 40 contact hours, i.e. training consists of a 5-day interacting learning capsule. Only one course, the CCIO has 24 contact hours conducted over 3 days.
- The access to the online e-learning platform will be given to students on registration. It will contain a series of study videos, white papers, updated courseware, etc. Students will always be able to avail latest trends and knowledge. For more information, contact us at **info@rocheston.com**.
- Training entails lectures along with large scale, lab exercises. The trainer will engage the students in the use of hands-on tools using advanced facilities and infrastructure.
- Each training session culminates in an online examination on the **Rocheston Cyberclass®**.

Rocheston School of Cybersecurity

Take our certification classes anytime, anywhere with **Cyberclass®** Android and iOS Apps. Take a lesson, assessment, interact with our trainers, schedule exams, engage in our **Cybernetwork®** labs and manage your certification profile. It's easy! Just use your mobile phone or tablet and you are connected to our virtual classrooms.

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> In today's digital age, cybersecurity is the key challenge, and without cybersecurity, basic human rights will not exist.....
>
> "
>
> **Rob Lefferts**

To face the various emerging threats in the cyberworld, we need to arm ourselves with adequate knowledge, both practical and theoretical. **The Rocheston cybersecurity certifications will enable you to become certified specialists within the cybersecurity domain.**

Rocheston Certified Cybersecurity Engineer (RCCE)

ROCHESTON® CERTIFIED CYBERSECURITY ENGINEER

This course intends to inculcate a critical understanding of cyber threats and a first-hand practice-based knowledge of challenges in the cyberspace and how to address them. Students will be acquainted with current cybersecurity trends and the latest tools and techniques to secure digital systems and devices.

RCCE® Level 1 Training

The **RCCE® Level 1** covers the foundational concepts of hacking. This course offers a bird's eye view of the basics of hacking technologies and cybersecurity, at a more conceptual and fundamental level. For instance, it looks at **web application attacks, Denial of Service attacks, phishing attacks among others, firewalls, cryptography, cracking passwords for wireless networks, mobile phone safety, securing cloud etc.**

This course is **100% Linux based.**

RCCE® Level 2 Training

RCCE® Level 2 is a futuristic, advanced hacking course.

RCCE® Level 2 will impart a ground breaking first-hand experience of advanced cybersecurity threats, in a range of topics such as AI and cyberwarfare, Machine Learning, DevOps, principles of quantum entanglement, biometrics hacking, cyberthreat intelligence, cryptocurrency, such as blockchain and crypto mining etc.

Cybersecurity Compliance Officer (CCO)

CYBERSECURITY
COMPLIANCE OFFICER

Certified by Rocheston®

One of Rocheston's marquee certifications, the CCO courseware will acquaint the student with the different standards, regulations and protocols constituting the backbone for sustaining cybersecurity in specific industries. This next generation course enables the student to become a strategic partner with major enterprises in information risk security.

Training includes case studies, familiarizing the student with real world examples and applications.
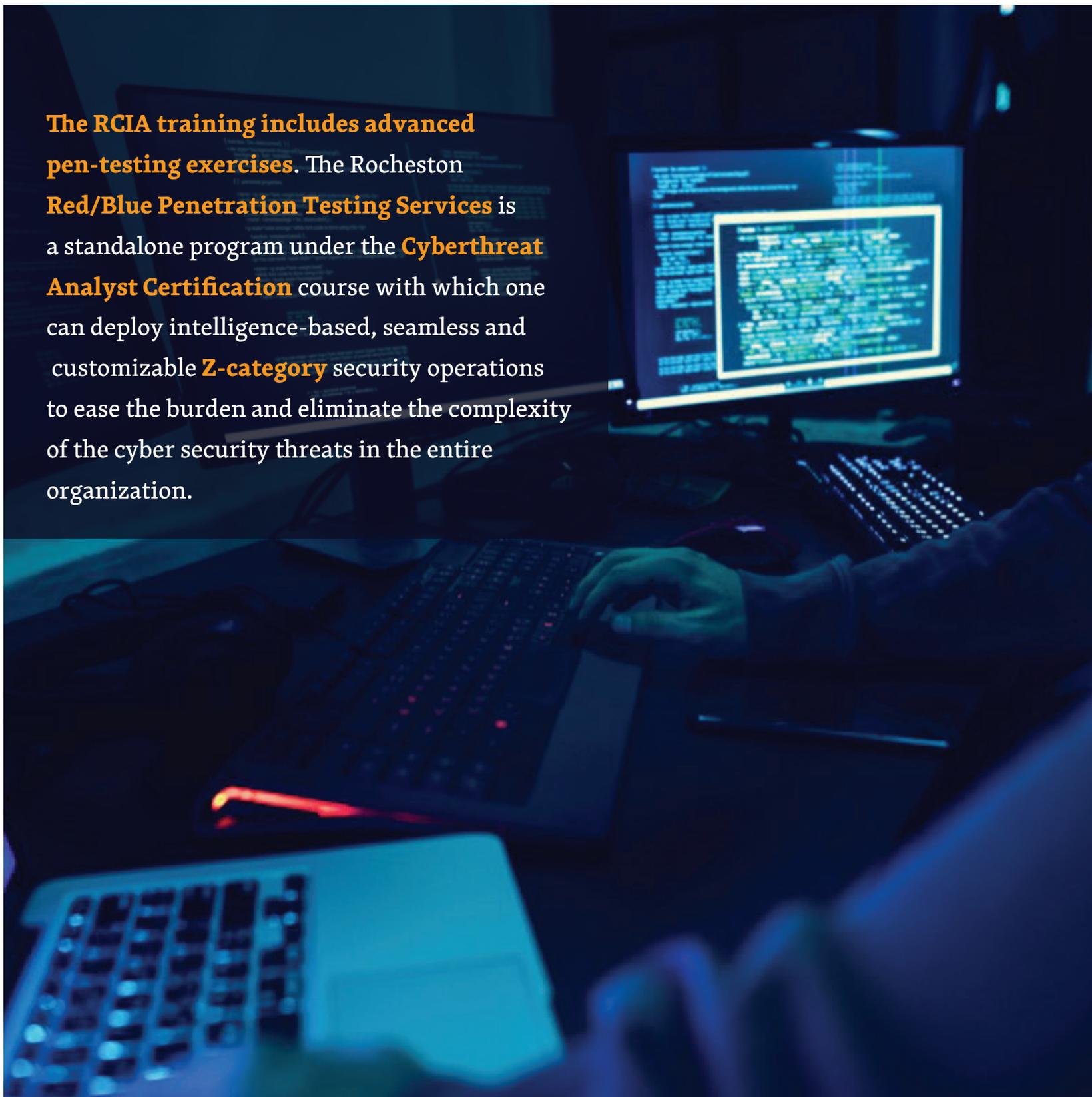
Cyberthreat Intelligence Analyst **(RCIA)**

CYBERTHREAT
INTELLIGENCE ANALYST

Certified by Rocheston®

Securityone® is a next generation program offering the student a comprehensive understanding of fundamental cybersecurity approaches that need to be addressed within the ever-changing cyberspace. With Securityone® training, the student can take better control of his/her privacy, and also help others overcome cyber challenges.

Training includes case studies, familiarizing the student with real world examples and applications.

The RCIA training includes advanced pen-testing exercises. The Rocheston **Red/Blue Penetration Testing Services** is a standalone program under the **Cyberthreat Analyst Certification** course with which one can deploy intelligence-based, seamless and customizable **Z-category** security operations to ease the burden and eliminate the complexity of the cyber security threats in the entire organization.

Rocheston Certified Cybersecurity Specialist (RCCS)

ROCHESTON® CERTIFIED CYBERSECURITY SPECIALIST

Certified by Rocheston®

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With **Securityone®** training, the student can take better control of his/her privacy, and also help others overcome cyber challenges.

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Rocheston Certified Cybercrime Investigator (RCCI)
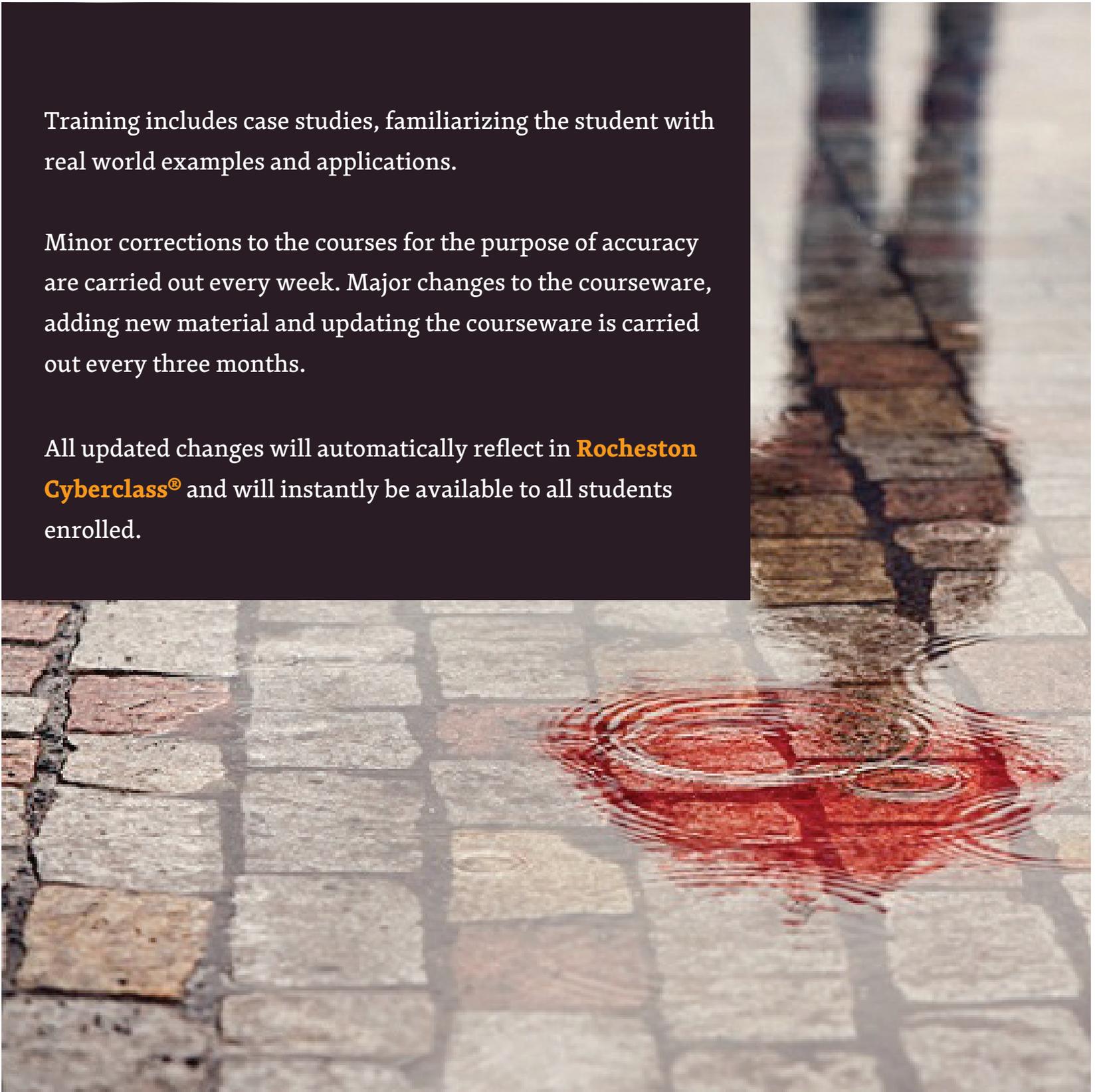
ROCHESTON® CERTIFIED
CYBERCRIME INVESTIGATOR

Certified by Rocheston®

The anonymity provided by electronic devices is one of the primary reasons for criminals to use this method of attack. Authorities face unique challenges when dealing with cybercriminals, and the anonymity afforded by the Internet only makes their lives more difficult. The RCCI (Rocheston Certified Cybercrime Investigator) course offered by Rocheston will equip the student with the necessary tools and skillsets to become a cybercrime investigator, a role that is expected to witness a surge in demand, going forward.

Training includes case studies, familiarizing the student with real world examples and applications.

Minor corrections to the courses for the purpose of accuracy are carried out every week. Major changes to the courseware, adding new material and updating the courseware is carried out every three months.

All updated changes will automatically reflect in **Rocheston Cyberclass®** and will instantly be available to all students enrolled.

Rocheston Certified Trainer (RCT)

ROCHESTON® CERTIFIED TRAINER

Certified by Rocheston®

In order to become a RCT, you need to go through Rocheston's **Faculty Development Training Program (FDP)**. The participants of this intensive program will become technical and instructional experts in the future. Join this exclusive group of professionals and reap benefits of the enriching RCT training certification program.

Once you are enrolled into this program, you will also get access to the complete library of our official training and certification products; substantial discounts on exams, course books and other products and resources. RCTs will be a part of exclusive online community of Rocheston and will also get invitations to various events and programs hosted by the organization.

Rocheston School of Cybertech

This includes a vast range of smart technology, from the Internet of Things, to automation, robotics, blockchain engineering, big data, augmented reality and artificial intelligence.

Important sectors like the finance and banking sectors can benefit immensely from Rocheston's programs on cybertechnology.

Rocheston Certified IoT Engineer (RCIE)

IoT

ROCHESTON® CERTIFIED
IoT ENGINEER

Certified by Rocheston®

Today, IoT is burgeoning into a billion-dollar industry. Companies with innovation at their core are moving towards producing smart devices to take full advantage of this growing demand.

A Rocheston Certified IoT Engineer will be trained in the various disciplines required to navigate the challenges of the Internet of Things revolution. The Rocheston Certified IoT Engineer course is made up of a comprehensive set of modules that provide both an understanding and insight into developments in networking, data management and analytics, communication devices, embedded systems and user interface design.

Rocheston Certified Blockchain Engineer (RCBE)

ROCHESTON® CERTIFIED
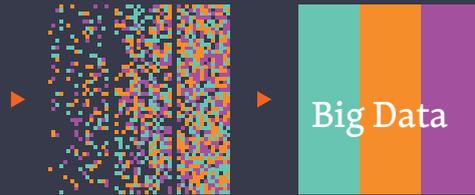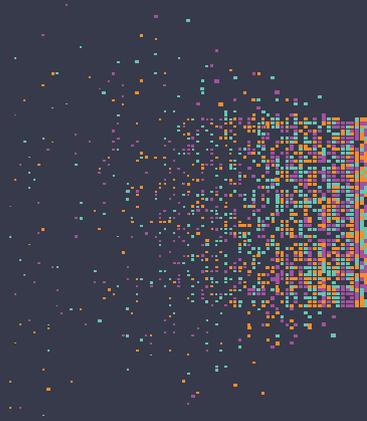BLOCKCHAIN ENGINEER

Certified by Rocheston®

A Rocheston Certified Blockchain Engineer (RCBE) will identify opportunities for transformation/disruption through blockchain including emerging opportunities in cryptocurrencies, ICOs and DAOs.

An RCBE will also develop enterprise-focused use-case and determine blockchain governance, business models, customer experience and partner/channel impacts.

Training is both comprehensive and exhaustive and equips each learner to integrate a private blockchain environment using frameworks such as Ethereum, Hyperledger fabric framework and Multichain.

Certified Big Data Analyst (CBDA)

As a Big Data Analyst, you are the bridge connecting organizations and information processing systems, using data analytics, machine learning and AI to evaluate the technical performance of a company and provide recommendations for smooth system enhancements.

Students will be trained in Big Data technologies such as Hadoop and cloud-based analytics.

Rocheston School of Cyber Innovation

Innovation is the light at the end of the tunnel. It is the future of global markets, sustainability and productivity. Successful businesses do not focus their actions on the present but instead on the endless possibilities of the future. At Rocheston, our courses keep you acquainted with the mind-numbing possibilities that evolving cyber technology have to offer.

Certified Chief Innovation Officer (CCIO)

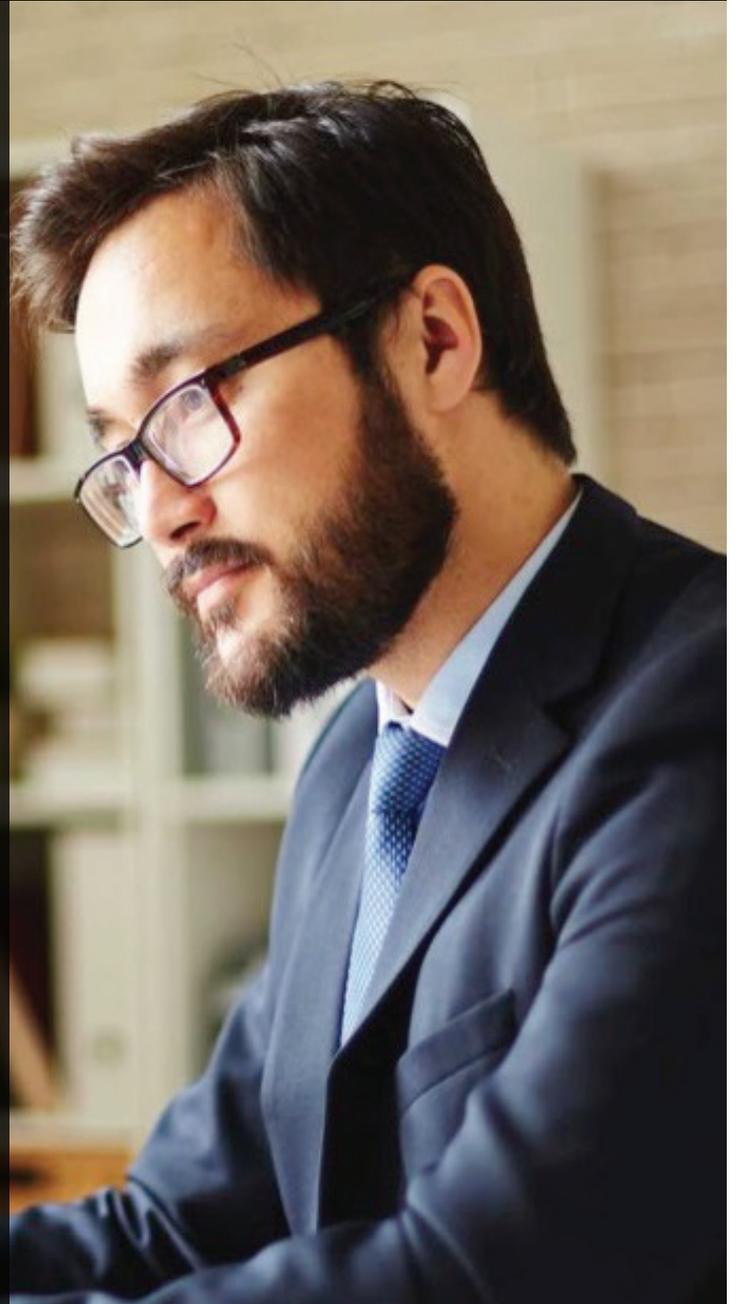CERTIFIED CHIEF
INNOVATION OFFICER ®

Certified by Rocheston®

The CCIO program is a course for corporate executives to understand innovation and the key concepts that improve the standards of their business, elevating their company to a higher level.

The CCIO program trains participants to take their businesses to the top of the market, giving them an edge over the competitors.

Rocheston School of Cyber Business

The Rocheston School of Cyber Business is dedicated to creating outstanding leaders in innovation by means of rewarding leadership programs. With a changing global perspective, our school is committed to molding young leaders who are motivated to make an impact in the world of business. Our carefully designed programs impart the best knowledge, creating a global standard for leadership.

Rocheston School of Cyber Business seeks to create excellence through improving innovative abilities, collaborative techniques, critical reasoning and creative capabilities. The programs are designed for the future, opening up a world of endless possibilities.

Certified Master of Business Leadership (cMBL)

ROCHESTON®
CERTIFIED MBL

Certified by Rocheston®

The cMBL doesn't create employees but creates entrepreneurs. It is a reality check to every person who has swept oneself into the corporate currents of mundane practice. The cMBL steers its applicants into the alternate course that can bring out the entrepreneur within.

The cMBL is a weapon that will create a paradigm-shift in all businesses from all sectors that will release the potential of its applicants to awaken from this stupor and lead the world into the changing times.

Training includes case studies, familiarizing the student with real world examples and applications.

Rocheston Certified Cybertech Marketer **(RCCM)**

One of Rocheston's marquee certifications, the CCO courseware will acquaint the student with the different standards, regulations and protocols constituting the backbone for sustaining cybersecurity in specific industries. This next generation course enables the student to become a strategic partner with major enterprises in information risk security.
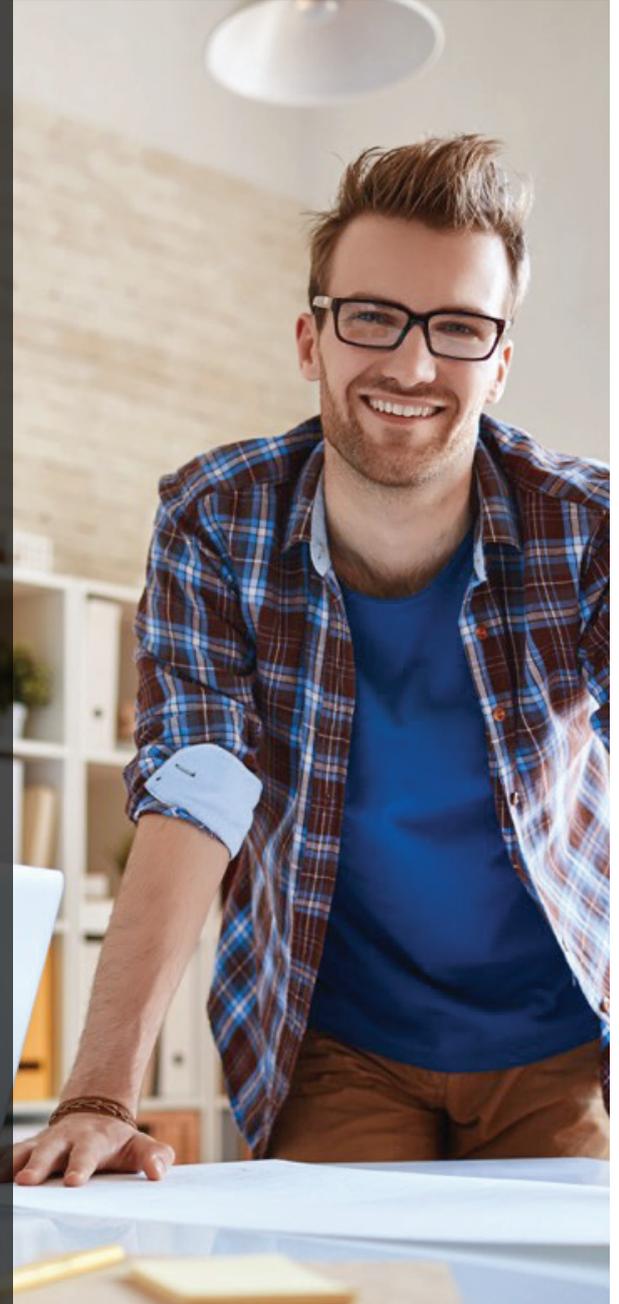
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The Problem in Training Centers

Across the world, there is a severe shortage of adequate training centers and appropriate infrastructure to handle the increasing demands of cybersecurity training and education. Infrastructure is lacking, with setups such as hardware requirements, multiple monitors and isolated networks being less than optimal, or non-existent.

Employability is a real issue as there is a dearth of skilled professionals in cybersecurity who are capable of effectively handling the evolving threat landscape.

While there are options available for aspiring students, conventional classroom training is not very common in courses currently being delivered in the country. Dedicated training, with exclusive, world-class facilities, is the need of the hour!

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Benefits of Partnering with Rocheston

- In partnering with Rocheston, one gets to contribute towards **cutting-edge, high quality cybersecurity and technical training to students all over the world,** thus bridging the gap between traditional, old school learning environment in the country and futuristic, state-of-the-art teaching.

- Rocheston has developed a ground breaking, hands-on approach of **penetration-testing**.

- Students enrolled for training can take advantage of the **Rocheston Cyberscanner®** that uses artificial intelligence with deep learning cloud connected database to constantly evaluate and monitor network servers.

- Another path breaking service is the **Rocheston preinstalled in preinstalled in Rosé Calculus**. As mentioned earlier, this is a Pen-Test toolkit powered by Rocheston Rosé, preinstalled in operating system accessed using **Cybernetwork®** platform via Web browser. It contains more than 1TB of hacking tools, exploits, shell codes, libraries, hash tables, password crackers, ransomware, DDoS phishing, malwares, viruses, backdoors, sniffing and so on. Contains massive collection of exploits from Dark and Deep Web. Tools are precompiled and preinstalled in Rosè Calculus.

Hacking Tools run inside its own docker using its own container with a very simple interface. Programs can be launched using the GUI interface or pure shell interface. Uses **Cybernetwork®** utilities like freeze, reset, copy, clone snapshots. New tools, programs and exploits are added every week by our engineers. You will always get the latest framework.

Global Benchmark in World Class Training

Rocheston is committed to providing world class training in quality cybersecurity education. Rocheston's motto is "Question the rules, change the game" and it will make optimum use of the space and infrastructure provided by the training partner to further this mindset of innovation and evolution as reflected in the Rocheston company philosophy.

Rocheston is dedicated to bringing global standards in training, knowledge base, skillset and certification along with ground-breaking, hands on threat analysis experience in a laboratory environment which will be created in collaboration with the training partner.

Rocheston will also run Hackathons at the training center, which will help leverage recognition and prominence among the student community.

Rocheston will also be committed to the following:

- Developing and providing training material, including for the trainers
- Providing relevant and constantly updated software
- Developing and providing hacking tools for strategic learning in classes
- Constantly updated courseware, so that students have access to the latest trends and information.
- Training the first pool of trainers
- Providing Rocheston Rosé Calculus
- Updating Rocheston Rosé Calculus every three months with constantly emerging hacking tools
- Conducting online marketing

Our Training Partners

- Institutions that partner with us will be given an Authorized Training Partner (ATP) status.
- Our courses are unique and innovative and showcase the innovation quotient of your training center.
- Our training and certification programs are completely vendor-neutral.
- We operate on a uniquely developed partner centric revenue model.
- We offer a very attractive training partner signup fee with no upfront commitment

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Authorized Training Center (ATC)

Authorized Training Centers are licensed distributors of Rocheston's courses.

Benefits of ATC:

- Access to Rocheston's current and future courses
- Access to Rocheston's portal for non-commercial distributions and expansion of added modules
- Revenue sharing for courses sold
- Accredited centers can conduct training outside their facilities for additional revenue sharing
- Online presence and brand awareness through media campaigns

Join us in our endeavours to achieve world-class standards in training and certification.

OUR VALUES

At Rocheston we act from our ideals. Our ideal is derived from our reason for being and is the guiding principle for our actions. We bring passion to everything we do. Our passion is what creates the **magic in our products and services.** We at Rocheston are obsessed with excellence and a pursuit for perfection.

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