THE POSITION
RIT Dubai is currently seeking applications for adjunct teaching from exceptional candidates with a strong commitment to education for the following courses. This position is open for the Spring semester 2022 (from January 09, 2022 until April 28, 2022):

C1: Programing Languages and Software Engineering:
- Computational problem solving using object-oriented perspective in C++, Java, or python.
- Basic software design, testing & verification, and incremental development.
- Key topics include theoretical abstractions such as classes, objects, encapsulation, inheritance, interfaces, polymorphism, software design comprising multiple classes with UML, data structures (e.g. lists, trees, sets, maps, and graphs), exception/error handling, I/O including files and networking, concurrency, and graphical user interfaces.

C2: Computer Systems and Networking:
- Fundamentals of operating systems and computer architecture.
- Thorough theoretical knowledge of the Internet Protocol (IP), the Transport Control Protocol (TCP), and the User Datagram Protocol (UDP), as well as experience in administering, monitoring, securing and troubleshooting an internet work of computer systems running these protocols and services.
- Configuration and administration of DHCP, DNS, SSH, and other network services in virtualized Linux and Windows environments.

C3: Data Processing and Knowledge Discovery:
- Data modeling process, basic relational model, normalization theory, relational algebra, and mapping a data model into a database schema.
- Interactive data exploration and data mining software usage for data-driven knowledge discovery.
- Data mining techniques and their application to large data sets will be discussed in detail, including classification, clustering, association rule mining, and anomaly detection.
REQUIRED QUALIFICATIONS FOR THE POSITION

• PhD in Computer Science, Computing Security, Information Technology, or a related field.
• Previous teaching experience.
• Ability to bring real world experience and situations into the classroom.
• Ability to identify and mentor students who may be falling behind in their grades.
• Ability to motivate students in the classroom.
• Excellent communication skills and a good command of the English language.
• Ability to deal with various situations and multicultural students / colleagues.
• Flexible, able to work in a fast-paced, high energy environment.
• Strong organizational and planning skills.
• Class Leadership and students advising skills.

APPLICATION AND NOMINATION
Please email your application to careersdubai@rit.edu. Please submit the following items as part of your application:

• Subject line must include the source, your name and position you are applying for; e.g.: Website – Dr. John Smith – Adjunct Faculty of Computing.
• Resume or curriculum vitae
• Contact information
• A cover letter detailing your technical/professional, teaching, and scholarship qualifications and achievements, and how these address the required and preferred qualifications for the position.
• Names, addresses and phone numbers of three references

Applications review will begin immediately and continue until a candidate is selected. Only shortlisted candidates will be contacted.

For more information please visit RIT Dubai website at www.rit.edu/dubai