

Dr. Rashid Munir

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A passionate Information Security researcher with great knowledge and experience on comprising of software development, solution implementation, a team spirit combining technology and project management expertise at a strategic and tactical level, looking for a challenging and rewarding position in a research oriented higher education environment to practice the hands-on technology and research experience of security along with graduate level teaching environment.

Core Competencies

- Information Security
- Graduate Level Teaching
- Development / Deployment
- Intradepartmental Presentation/ Support
- Quality Assurance
- Data Analysis
- Cyber Security
- Team Building Leadership
- New Technology Implementation
- Excellent Communication and Interpersonal

Technical

- Ping Identity/ SSO
- TCP/IP, CVSS
- Nessuse, Nexpose
- Active Directory, DNS, DHCP
- Windows Server 2012
- Vulnerability Analysis
- Windows, Linux & Kali
- Office 365, ISO 27001
- Network Intrusion Detection Systems
- Wireshark, Metasploit
- VPN, GPG and Firewalls configuration
- C, C++, Java, Python (Elementary)
- HTML, CSS, JavaScript, PHP and MySql
- Opnet, ITGuru

Education

University of Bradford – PGCHEP (Higher Education)	2015 – 2016
University of Bradford – PhD (A Quantitative Security Assessment of Modern Cyber Attacks)	2011 – 2014
University of Bradford – GTA (Graduate Teaching Assistant)	2012 – 2013
University of Bradford – MSC, Computer Networks & Performance Engineering (Distinction)	2008 – 2009

Publications

- Detection, Mitigation and Quantitative Security Risk Assessment of Invisible Attacks at Enterprise Network – IEEE 3rd International Conference on Future Internet of Things and Cloud
- A Quantitative Measure of the Security Risk Level of Enterprise Networks – IEEE 8th. International Conference on Broadband and Wireless Computing, Communication and Applications (BWCCA)
- Quantitative Enterprise Network Security Risk Assessment – 29th United Kingdom Performance Engineering Workshop (UKPEW)
- A Performance Evaluation of Intrusion Detection System -- 27th Annual United Kingdom Performance Engineering Workshop (UKPEW).
- Performance Evaluation Study of Intrusion Detection Systems -- Procedia Computer Science – IEEE 2nd International Conference on Ambient Systems, Networks and Technologies (ANT)

Book Chapter

- On the Performance Evaluation of Intrusion Detection Systems -- Procedia of Advances in Security Information Management: Perceptions and Outcomes, pp. 117-138, 2013.

Professional Experience

ProofID Ltd – Mar 2018 - To Date

Senior Managed Services Engineer – 3rd line Support

- Manage own incidents queue.
- Deal with escalated incidents from junior colleagues as required.
- Manage/mitigate security risk and cyber security risks to the business.
- Fixing issues as required. Install/ upgrade/ patch software on Client Sites.
- Mainly focused on Federation/ SSO (PingFederate. Ping Access and NetIQ).
- Provide expert technical security guidance to both technical and non-technical audiences.
- Attend improvement workshops to suggest areas that can be improved to reduce number of incidents.
- Managed installation, configuration and maintenance of Debian based servers with Ping Federate, MySQL, Apache Tomcat and more.
- Create/ maintain and develop documentation of procedures and resources in conjunction with other technical staff
- Providing technical support via telephone and email e.g. password resets, diagnostic faults from network checks (CISCO router and Network Switches).
- Responsible for administration and support services for clients to improve effectiveness by systematically and routinely inspecting and maintaining systems and equipment in the context of operational demand and activity.

University of Huddersfield – Mar 2018 – 24/10/2018

MSC project Supervisor

- Propose suitable projects for students undertaking any of University of Huddersfield taught MSC courses.
- Identify learning needs of students and define appropriate learning objectives.
- Ensure that project content and learning materials will meet the defined learning objectives.
- Supervise the work of students, meeting them both physically and virtually as appropriate, provide advice on study and research skills and help them with learning problems.
- Assess the work and progress of students by reference to University of Huddersfield established MSC project criteria and provide constructive feedback to students.
- Undertake duties related to course administration such as progress and assessment reports etc.
- Assignments and exam marking for Undergraduate and Postgraduate University students.

University of Huddersfield – Jan 2018 – Mar 2018

System and IT Support Officer – 2nd line

- To install, configure & monitor all School related computers, devices and other ancillary equipment.
- To ensure that all systems and IT support enquiries are dealt with promptly and efficiently with the nature and resolution of the matter being logged. It is also expected that the enquirer is also kept informed of progress if a resolution cannot be found quickly.

- To assist in architecture, designing and deployment of all elements related to Active Directory product including setting up policies, assigning permission to user etc.
- To implement procedures for support and maintenance of AV or IT infrastructure projects.
- To provide technical support and advice as required in the operation of IT, Audio Visual and other associated equipment to academic and administrative staff and the referral of issues to the University Computing & Library Service where applicable.
- To create, maintain and develop documentation of procedures and resources in conjunction with other technical staff.
- To maintain an awareness of current developments in computing equipment and software also to keep abreast of current computing issues.
- To provide technical demonstrations/ workshops to staff and students.
- To maintain an inventory of staff computers, tablets and mobile devices and to contribute to an ongoing purchasing / replacement strategy.
- To assist with the maintenance of the website and the School SharePoint site.
- Contribute to the efficient and effective operation of the School through:
 - A professional, collegiate and customer-oriented approach to service delivery.
 - Positive participation at relevant meetings and working groups;
 - Continuous monitoring of the service provided at an operational level and making recommendations for improvement as appropriate;
 - Collaboration and liaison with external contacts, students and colleagues throughout the School and University, acting as a point of contact where appropriate.
 - Maintenance of an appropriate working knowledge of other areas of the team in order to provide cover and continuity of service as required.
- Maintain currency of knowledge and skills through active participation in relevant University level activities and awareness of developments in the sector.

University of Bradford – April 2011 – April 2017
IT Security Labs' Demonstrator

- Prepare & deliver IT security labs for undergraduate and postgraduate students in areas allocated.
- Supervise/ assist with supervision of undergraduate and postgraduate students.
- Participate in organizing events/ conferences and development of commercial projects
- Participate in the development, administration and marking of exams.
- Develop teaching materials and devising/ facilitating lecturers along with tutorials and seminars.
- Carry out research and produce publications or other research outputs.
- To undertake any other duties pertinent to the grade of the post that might be requested.
- To prepare for sessions by ensuring familiarity with and knowledge of the workshop/ laboratory/ classroom by Q & A, experiments/ practical exercise etc.

University of Bradford – May 2014 – December 2015
Research Assistant

- To contribute to the review of the state-of-the-art security protocols and assist in definition of requirements for data security framework for aeronautical communications system under consideration.
- To contribute to the definition of the suitable metrics for the performance evaluation of the security systems and to assist in defining test environment requirements and scenarios in order to test the system.
- To support the dissemination of project outputs both internally and externally. Where I was also expected to attend meetings at other partners' premises and represent the Bradford project team.

British Broadcasting Corporation (BBC) – July 2013 – August 2017
Guest Lecturer

- To deliver and practically implement knowledge related to Computers and Network security.

Age Concern Bradford – January 2010 – September 2012
IT Project Supervisor

- To provide IT tuition to clients enabling them to surf the internet, operating system (S/w & H/w), Microsoft office, sending and receiving E-mails and also solving their IT problems.

Software Projects

Bottle-le-Neck – June 2009 – September 2009
Parking Control System

- Develop manual to computerized Parking Control System using Visual Basic and Mysql server 5.0.
- Identify the appropriate software architecture based on the requirements and design elements required by the Company. Record software architecture (Use cases and Unified Modelling Language) information in a document.
- Full project outsources, working closely with the customers to deliver high value solutions. Estimates, design, implementation, testing, integration, performance analysis, build and test infrastructure.
- Iterative development to fully understand customers' need and build the best possible solution on schedule and on budget.

Pakistan Institute of Computer Sciences (PICS) – May 2005 – September 2005
Parking Control System

- Conversion of manual College system into computerized using PHP and MySQL. Estimates, design, implementation, testing, integration, performance analysis, build and test infrastructure.

Training Courses

University of Bradford – September 2014 – November 2014
ISO 27001

- Attended ISO 27001 full training course at University of Bradford, November 2014.

References

Available on Request