

Ahmed Elhetsh.

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Computer Engineer

PROFILE.

Computer Engineer with eleven years' experience in designing, developing and implementing computer-based hardware and software. Skilled in analyzing system engineering requirements, planning/designing and developing software and hardware. Vast experience in troubleshooting computer-based problems. Good logic problem-solver. Capable of working in a team and without supervision.

EDUCATION & QUALIFICATIONS.

M.Sc. Computer & Network Engineering - Sheffield Hallam University (2015)

B.Sc. Computer & Programming - Higher Institute of Engineering Technology (2004)

LEAP Pre-session English for Academic Purposes (2013)

RESEARCH PAPERS.

- Software Quality Measurement: User-based Assessment.
- Artificial Neural Network-based Model for Classification of Multiple Bacteria Types.
- Optimizing Swarm Robotics for Collaborative Task Execution in Dynamic Environments.
- Comparison Between Two On-demand Protocols and One Demand for Mobile Ad Hoc Network.
- Cryptographic Key Management and Secure Network Implementation in a Comprehensive Framework for Contemporary Security Architectures.

TECHNICAL SKILLS.

- Windows & Linux administration; Microsoft Office and other application systems.
- Expert systems using CLIPs and artificial neural networks using MATLAB.
- Security access gateway for university library systems using Visual Studio C++.
- VPN installation on LAN/WAN & Wi-Fi networks.
- Classification of multiple objects using Artificial Neural Networks.

LANGUAGES.

Arabic (Native) | English (Very Good)

References available on request.