

Farida Mahmoud
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Profile

Recent electrical engineering graduate and EIT with experience taking complex requirements and developing innovative, viable solutions. Proficient with laboratory test and measurement tools and able to analyze results and make improvements. Strong knowledge of wireless systems and coding languages, including Python and C++.

Key Skills

- Technical skills: AutoCAD, C++, Python, Matlab
- Critical thinking
- Ability to create test procedures and evaluate results
- Communications and networks systems

Education

Bachelor of Science in Engineering, Electrical Engineering

Case Western Reserve University, Cleveland, OH, September 2014 - June 2018

Master of Science in Electrical and Computer Engineering

Carnegie Mellon University, Pittsburgh, PA, September 2018 - June 2020

Concentration in Wireless Systems

Relevant Coursework:

- Energy Aware Computing
- Wireless Security
- Connected Embedded Systems Architecture

Professional Experience

Electrical Engineering Intern, Knopp Engineering, Pittsburgh, PA

September 2019 - June 2020

- Implemented and maintained internal network services
- Assisted in configuration and maintenance of routers, switches and network systems, including wireless networks
- Worked with team to research and implement wireless security solutions

Student IT Assistant, Carnegie Mellon University, Pittsburgh, PA

September 2018 - June 2020

- Answered queries from customers regarding computer problems and communicated solutions that were easy to understand and accomplish
- Distributed computing equipment, including computers and smart boards, to classrooms and assisted with installation
- Assisted with set up of new wireless networks in communal areas such as dining halls and libraries

Certifications

- Licensed Engineer in Training, Electrical and Computer, Florida, 2020