

Alex M. Polka

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EDUCATION

Robert Morris University

School of Engineering, Mathematics and Science

Bachelor of Science in Software Engineering (ABET Accredited)

Moon Township, PA

Graduated - May 2018

3.2 GPA

Relevant Course Work: Fundamentals of Software Engineering, Computer Architecture, Verification and Validation, & Distributed Systems Implementation

Skills: Java, C++, SQL, Windows OS, LabTech, Visual Studio, Eclipse, Unity

LEADERSHIP & ACTIVITIES

Ethical Analyses of Smart City Applications

Published Undergraduate Research

Moon Township, PA

Spring 2018

- Conducted survey of existing smart city applications
- Published in Journal of Urban Science
- Collaborated with two colleagues to review scholarly material
- Reported regularly to faculty advisor to maintain deadlines
- Identified ethical challenges in existing and future smart and ICT projects

Spectral Analysis Standards Database Search Engine

Fundamentals of Software Engineering, Robert Morris University

Moon Township, PA

Fall 2016

- Designed program to search 300+ metal standards database
- Utilized Java to create user friendly interface to improve employee efficiency
- Applied UML and project scheduling techniques to complete the project on time
- Implemented requirements engineering techniques

Oklahoma Fire Department

Volunteer Firefighter

Oklahoma, PA

3 years

- Volunteer 8+ hours per month for department events and fire calls
 - Work efficiently in a team to minimize fire damage
 - Maintain technical knowledge by attending scheduled practices, and certification courses
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WORK EXPERIENCE

Miles Technologies

Helpdesk Consultant

New York, NY

5 Months

- Provided frontline technical support, documentation, and consultation for customers.
- Supported a variety of technologies ranging from SOHO to enterprise-class systems.
- Acquired new knowledge quickly to increase proficiency and effectiveness

Questeq

Helpdesk Engineer

Moon Township, PA

11 Months

- Provide remote technology support to faculty and staff in over 30 school districts
- Acquire front line data to aid onsite technology staff
- Maintain sufficient knowledge of hardware and software used within districts