

EDUCATION

University of Louisville, Speed School of Engineering

Bachelor of Science in Computer Engineering and Computer Science (3.6 GPA)

Completed May 2016

Master of Engineering in Engineering Management (3.97 GPA)

Completed Dec 2017

SKILLS/ COURSEWORK

- C/C++, Java, .NET (C#, VB)
- Python, JavaScript, HTML
- Amazon Web Services
- Microsoft Azure
- Web design & Web Dev.
- SQL Server, Postgre, MySQL ...
- Computer Networking
- Linux, Operating System Design
- Continuous Integration & Delivery
- Embedded Sys/ Microcomputer Design
- Software Engineering/ DevOps
- IT & Engineering Management
- Marketing/Econ/Finance Management
- Decision & Risk Analysis

CERTIFICATIONS

- Amazon Web Services: Solutions Architect – Associate Mar. 2018
- Amazon Web Services: Certified Developer – Associate Sept. 2018
- Microsoft Certified: Azure Administrator – Associate May. 2019
- UTC ACE Certification: Achieving Competitive Excellence Feb. 2019

PROFESSIONAL EXPERIENCE

Pratt & Whitney, UTC

E. Hartford, CT

Aftermarket Solumina DT Project Manager/Developer

July. 2018 – Mar. 2019

- Lead RFID project from inception to MVP pilot
- Developed RFID proof of concept java code using an API/SDK
- Managed critical software upgrades through Dev, QA, and Prod
- Managed Hadoop data lake implementation and migration
- Lead DTLP personal development enhancement team

General Electric (GE) Appliances, a Haier Company

Louisville, KY

Cloud Advisory & DevOps Cloud Engineering

May. 2017 – Jun. 2018

- Architected & developed serverless evacuation alert and tracking system
- Created an AWS internal cost optimization and billing report tool
- Supported a security vulnerability management dashboard (ELK stack)
- Updated a password reset portal via containerized Flask app (Docker)
- Developed a RESTful app backend for appliance automation
- Redesigned & Controlled an IT function SharePoint site

Embedded Software Engineering

May. 2016 - Aug. 2016

- Assisted in design and implementation of SDK interface
- Implemented backward compatibility for prior software versions
- Fixed production and next-generation software defects

Kentucky Fried Chicken (KFC) Corporate HQ

Louisville, KY

Data analytics & SQL Server

Aug. 2016 - Dec. 2016

- Developed PowerShell scripts to retrieve specific DB information
- Supported and resolved critical issues on Point of Sale System

United Parcel Service (UPS) Airlines

Louisville, KY

Test Automation

May. 2015 - Aug. 2015

- Developed automated VB scripts for web application testing
- Improved efficiency of testing effort

Collins Aerospace, UTC

Rockford, IL

Software Engineering

Jan. 2014 - Dec. 2014

- Repaired regional jet flight code to meet safety/first flight requirements
- Implemented new system requirements and code for internal customers
- Initiated A661 cockpit display widget project
- Collaborated within an Agile Software scrum team