

EDUCATION

University of Louisville, Speed School of Engineering

Bachelor of Science in Computer Engineering and Computer Science
Master of Engineering in Engineering Management

Completed May 2016
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

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

PROFESSIONAL EXPERIENCE

Pratt & Whitney, UTC, DT Leadership Rotation I

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 & 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

SQL Server & PowerShell Scripting

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