Jacob Schooley

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Education

BRIGHAM YOUNG UNIVERSITY | EXPECTED 2024
· Major: Cybersecurity
· Awarded academic scholarship for merit

LEXINGTON HIGH SCHOOL | GRADUATED 2018
· Completed all offered programming and computer science courses
· Achieved top score on AP Computer Science exam
· Founding member of the Lexington Technology Center Robotics Club
· ACT 35, GPA 4.66

Technology

SKILLS
· VPN software
· Operating system administration – Windows, Linux (Server), MacOS, Android, iOS
· Programming languages – Python, Java, HTML5, CSS, JavaScript, PHP, C++
· Frontend development frameworks – Angular, React, Bootstrap, Ionic
· Backend development – AWS AppSync, Amplify, Lambda, API Gateway, Cognito, GraphQL
· Databases – MySQL, NoSQL/DynamoDB
· Network and web debugging/security – Wireshark, Fiddler
· TCP/IP network management
· Cloud administration - Microsoft Office 365, SharePoint, Exchange Server

HOBBIES
· API reverse engineering
· Open-source software development
· Detecting system vulnerabilities
· Testing and improving software and hardware
· Embedded device reverse engineering and repurposing

Experience

CONTRACT SOFTWARE ENGINEER | 2015 – CURRENT
EnQ LLC, Columbia, SC
· Amazon Web Services EC2 and S3 administration and monitoring
· Development of serverless, scalable applications using Amazon Web Services
· Web development using Wordpress and PHP
· Dataset mining, cleaning, transformation for statistical analysis using Python

- Office 365 administration and Microsoft SharePoint development
- Office 365 threat detection and mitigation
- Exchange Server administration, data migration

INTERNSHIP | SUMMER 2017 AND 2018
Health Information Technology Consortium, College of Engineering and Computing, UofSC, Columbia, SC
- Full stack web development using PhoneGap, Ionic, Bootstrap, React, Linux, Apache, MySQL, PHP, Google Maps API
- Database development and implementation
- Developed web application for physical activity and mobile health research project

INTERNSHIP | SUMMER 2016
Lexington School District 1, IT Department, Lexington, SC
- Apple/iOS device management
- Developed and implemented a script to efficiently repurpose thousands of Apple devices for K-12 schools
- Identified network vulnerabilities

Service

- Two-year service mission for the Church of Jesus Christ of Latter-day Saints
- Eagle Scout