

Russell E. Walker

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East Palo Alto, CA

Education

Northeastern University

Boston, MA

Bachelor of Science in Computer Engineering

May 2016

Minors in Computer Science and East Asian Studies

Courses: Network Security, Software Vulnerabilities, Software Engineering, Computer Systems, Computer Architecture, Optimization Methods, Wireless Technologies, Ethics of Emerging Technologies

Technical Skills

Certifications: (ISC)² SSCP

Languages: Python, C/C++/C#, Java, JavaScript/HTML/CSS, Bash

Frameworks: Splunk, Robot Automation, Aurelia, Bootstrap, Metasploit

Tools: Gulp, Maven, Jenkins, Docker, OpenShift, Git, Kali

Networking: OSI model, routing and transport protocols, security methods, DDoS

Experience

UnitedHealth Group

Boston, MA

Senior Applications Developer

June 2016 – Aug. 2017

- Worked on large-scale web applications, including REST service integration.
- Developed applications in Unity for using virtual reality technology in a healthcare environment.
- Helped bootstrap a single-page web application, including front-end development, DevOps support, and scrum master responsibilities.

Corero Network Security

Cambridge, MA

UI/Visualization Co-op

Jan. 2015 – Sep. 2015

- Worked with integrating Splunk tools into a custom web application to help better visualize DDoS attacks, view system health, and allow for alerting and reporting functionality.
- Wrote a Python script that sanitized network system logs of personal information while preserving the relationships between the data for demonstration purposes.

ChoiceStream

Boston, MA

Quality Assurance Co-op

Jan. 2014 – June 2014

- Maintained, utilized, and created test scripts using the Robot Framework.
- Created test data generation script in Python.

Northeastern University

Boston, MA

Co-op / Part-time Technician

Jan. 2013 – Dec. 2015

- Performed malware removal, operating system repair and installation, laptop repair, and data recovery on Windows and OSX machines.
- Responsible for training new employees.

Interests

CTF, Android development, videogame modding, virtual reality, camping, rock climbing, Eagle Scout.