

# Jonathan Castle

## **Address**

Beaverton, OR

## **Contact Information**

Email: jonathan.e.castle@gmail.com

Phone: 503 913 6155

## **Online Presence**

Personal Site: castlez.github.io

GitHub Account: <https://github.com/castlez>

Linkedin: <https://www.linkedin.com/in/jonathan-castle-670b0bb9/>

## **Skills**

Languages: Python, C#

Frameworks: Selenium, Appium, Pytest

Tools: IDE like IntelliJ's Idea and PyCharm, a bit of AWS

Infrastructure: Jenkins, Codefresh, Bash, Docker

## **Education**

Portland State University - Bachelors of Science in Computer Science

Completed March 25th, 2017

## **Experience**

### **Staff Software Development Engineer in Test at Kandji**

June 2023 - Feb 2024

- Participate in architectural discussions around the technical direction of the R&D organization, helping to shape the technical future of the company
- Work across teams to automate testing, building and deploying the on-device agent for the Mac MDM product using Python, Appium, and Selenium, deploying via AWS and Codefresh
- Coordinate with manual QA to build out testing and reporting systems to help accelerate the release process

### **Senior Software Development Engineer in Test at Kandji**

Feb 2022 - June 2023

- Build automated testing systems for a Apple ecosystem MDM solution using python and Appium
- Coordinate with teams to solicit testing requirements and work with their embedded QA to define automated tests to enable rapid testing and deployment

## **Experience (cont)**

### **Senior Software Engineer at Blackberry**

Sept 2019 - Feb 2022

- Transition to product development working on a C# security agent
- Fix bugs and develop solutions for a endpoint detect and respond product (the same product I was previously testing)
- Ported existing functionality to the linux product
- Architected a testing framework to provide coverage while QA worked on a formal testing framework

### **Senior Software Engineer in Test at Blackberry Cylance**

Mar 2019 - Sept 2019

- Develop automated solutions in python for testing
- Administrate CI/CD pipelines
- Assist in the direction of a team of engineers
- (same position as at Cylance, this is post acquisition)

### **Senior Software Engineer in Test at Cylance**

Nov 2018 - Mar 2019

- develop automated solutions in python using pytest for testing
- administrate CI/CD pipelines in Jenkins
- assist in the direction of a team of engineers

### **QA Automation Engineer at Cylance Inc.**

Apr 2018 - Nov 2018

- Implement and maintain automated test suites written in python for a C# application
- Implement and maintain framework code responsible for executing tests
- Maintain Jenkins jobs responsible for coordinating test execution
- Work with development and management to devise test plans for new features and su... See more

### **QA Automation Engineer Associate at Cylance Inc.**

Jul 2017 - Apr 2018

- Implement software testing code in Python for a C# windows application
- Maintain automation builds in Jenkins
- Report on defects in the product
- Collaborate with developers and other automation engineers to deliver the product

## **Internships**

### **Quality Assurance Intern at Tripwire**

Jun 2016 - Dec 2016

- Assisted in the beginning of a new project aimed at improving user experience, involving the React javascript framework
- Wrote tests in python using Protractor to ensure the React code worked as expected

### **Software Development Intern at Viewpoint Construction Software**

Jan 2016 - Jun 2016

- Programmed bug fixes and features for the company's primary product

### **Software Development Intern at Cambia Health Solutions**

Jun 2015 - Dec 2015

- Worked on a large, Java based application that monitors project management software for best practices
- Implemented bug fixes and features for a web based reporting application

## **A Little About Me**

- I'm a big gamer. Big into online games like Runescape
- My personal projects are often games, though I occasionally dabble in AI
- I'm big on collaboration, I really like working with people who are passionate!