

Jonathan Castle

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Education

2012-2017 **BACHELOR COMPUTER SCIENCE** *Portland State University*
Completed March 25th, 2017

2016 **SENIOR PROJECT** *Role: Team Lead*

Project: Scheduling Web Application

- Lead a team of 7 engineers in constructing a web application to organize student volunteers
- Project was a PHP based web application, using a javascript front end, and MySQL for database access.
- Set up and ran meetings, coordinated engineers, managed and created work items for engineers, and developed changes.
- Worked with customers to elicit requirements and provide updates on progress.

Work

Jun 2016 - **QUALITY ASSURANCE INTERN** *Tripwire*

- 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
 - Constructed and executed test plans for the company's primary, Java based product
 - Researched technologies relevant to new project including AWS, Azure, Chef, and React

Jan 2016 - **SOFTWARE DEVELOPMENT INTERN** *Viewpoint Construction Software*

- Jun 2016
- Programmed bug fixes and features for the company's .NET product in C# and Visual Basic
 - Participated in design and architecture meetings
 - Created an application for automating the upgrade of all projects in the company in Python
 - Completed work items, and fixed problems if QA sent it back

Jun 2015 - **SOFTWARE DEVELOPMENT INTERN** *Cambia Health Solutions*

- Dec 2015
- Worked on a large, Java based application that monitors project management software for best practices
 - Learned how to implement web applications using Apache Maven and the Jersey framework
 - Implemented bug fixes and features for a web based reporting application
 - Implemented procedures for handling work item quality violations in Groovy

Languages

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|------------|--------------|
| Java | Intermediate |
| Python | Intermediate |
| C# | Competent |
| Javascript | Competent |

Software Skills

Competent: Git, Jersey, Linux, Windows, Mac, IntelliJ Idea, Visual Studio, Eclipse

Familiar : Spring, Hibernate, Tomcat, Protractor, .NET, Chef