Jonathan Castle

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Eduction

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

2016   **SENIOR PROJECT** *Role: Team Lead*
Project: Scheduling Web Application
- Project was a PHP based web application, using a javascript front end, and MySQL for database access.
- Lead a team of 7 engineers in constructing a web application to organize student volunteers
- 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 - Dec 2016   **QUALITY ASSURANCE INTERN** *Tripwire*
- 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 product
- Researched technologies relevant to new project including AWS, Azure, Chef, and React

Jan 2016 - Jun 2016   **SOFTWARE DEVELOPMENT INTERN** *Viewpoint Construction Software*
- Programmed bug fixes and features for the company's primary product
- Participated in design and architecture meetings
- Created an application for automating the upgrade of all projects in the company
- Completed work items, and fixed problems if QA sent it back

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

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

Sites

http://jcastlesweb.site
https://github.com/castlez

Personal Interests

Artificial Intelligence	My interest in artificial intelligence was sparked during my time in academia. I had an opportunity to take several classes that educated me on the fundamentals, and developed several example programs using these techniques. I found that the things that i can learn from AI not only benefit my programming skills, but also spark interest conversations about the human mind and how it relates to computers.
Making Music	Starting music nearly 11 years ago, creativity is an important part of who I am. I got into music so that i could channel that creativity, and participate with friends to entertain others. It also turned out to be a great outlet for expression, and has gotten me through many tough times.
Video Games	My love for programming started with my love for gaming. I wanted to understand how these amazing games were made, and if possible, maybe even make them myself. In the process, I found that the programming was my real passion, and unlocked a whole world for myself, and I couldn't imagine doing anything else.
Favorite Color	My favorite color is the one used in this resume.