

Jonathan E. Castle
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Software Developer

I've got over a year of industry experience in an intern roll (PCEP at Portland State University) learning a variety of methods for delivering solution oriented software in the Portland area. With exposure to an assortment of agile methodologies, programming environments, and technology stacks comes a preparedness to learn. I've got a good foundation for developing professional ability, and a long time passion for software.

Skills

Programming:

- Proficient Programing Languages: C++, C#, Java, Groovy
- Familiar Programming Languages: HTML, JavaScript, CSS, Common Lisp, Visual Basic, Python, SQL (PostgreSQL), PHP
- Proficient Source Control Software: Git

Non-Programming:

- Linux, Mac, and Windows
- Command Line editors like Vi and Vim
- IDE's IntelliJ and Microsoft Visual Studio
- Microsoft Office Suite
- Kanban and Scrum agile methodologies

Experience

Quality Assurance Intern - Tripwire

June 2016 - December 2016

I reviewed documentation, constructed and executed test plans, and developed tests for a javascript based web application using Facebook's React framework. I also participated in design and architecture meetings as well as other tasks involving starting a new project at a software company.

Software Development Intern - Viewpoint Construction Software

January 2016 - June 2016

I developed changes to a product and bug fixes in the .NET environment (C#, Visual Basic). I also had the opportunity to construct tools for developers (like a small app to update all internal projects) as well as participating in a shift from Scrum to Kanban agile methodologies, and activities that are involved in the Kanban methodology.

Computer Science Capstone Project - F.I.D.O. Scheduling application

March 2016 - August 2016

Role - Team Lead

Project - My capstone team was tasked with recreating the application that the computer action team (cs department server administrators and support at Portland State University) uses to schedule volunteers. We created a php based web application that used http authentication to allow volunteers and administrators to interact with a postgresql database. I was responsible for organizing the team, leading and scheduling meetings, and making decisions on architecture and infrastructure, as well as developing.