

# HENDERSON REED HUMMEL

Software/DevOps Engineer — reed.hummel@gmail.com — 503-560-9397

## EDUCATION

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**Portland State University**  
Bachelor's of Computer Science

*September 2016 - June 2020*

## TECHNICAL STRENGTHS

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<b>Languages</b>	Python, Bash, Javascript, C/C++, Java, (a tiny bit of) Haskell
<b>Technologies</b>	HTML, CSS, Docker, Packer, TeamCity, Jenkins, Jira
<b>Environments</b>	Unix/Linux, MacOS, Windows

## EXPERIENCE

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**PSU Computer Science Dept.**  
*Computer Science Tutor*

April 2018 – June 2020

- Advise current CS students on the concepts they are working to learn (data structures, program architectures, object-oriented programming, basic C/C++/Java, discrete math topics.)
- Teach the use of various Linux utilities and tools like bash, vim, gdb, gcc, g++, tar, zip, script.
- Assist students with the development of programs in C, C++, and Java.

**Tripwire**  
*Software Developer Intern*

July 2019 - December 2019

- Develop fixes for highly multi-threaded, cross-platform, and distributed software products.
- Follow best practices for product testing, including automated unit testing.
- Develop new continuous integration and build pipelines.
- Diagnose problems ranging across platforms and architectures (PowerPC, x86, x64, IBM AIX, RedHat Enterprise Linux, CentOS, Debian, Ubuntu, Windows.)
- Explore and evaluate new architectures for future development (IBM Z Systems, Linux on Z.)
- Develop documentation for projects and processes.
- Follow Agile practices for the development of internal and external products.

**Jama Software**  
*DevOps Intern*

January 2019 - July 2019

- Work extensively with Python, Docker, TeamCity CI integration, and Amazon Web Services (specifically EC2 instances and Lambda functions) to enable a fully automated QA pipeline for an internal tool.
- Develop documentation for projects and processes.
- Follow Agile practices for the development of internal tools.
- Use Git and documentation platforms to effectively keep track of work in progress and completed.
- Work closely with other developers and DevOps engineers to improve the reliability, speed, and trace-ability of source code and built artifacts.

## RELEVANT COURSES

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Operating Systems  
Human Computer Interface  
Computer Sound & Music

Functional Programming  
Full Stack Web Development  
Programming Languages