

# Erik Watterson

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Portfolio: [github.com/watterse/Portfolio](https://github.com/watterse/Portfolio)

## Skills:

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**Design and Communication:** Persona Design, Low Fidelity UI Prototyping, Technical Writing, Public Speaking.

**Programming:** Python, C/C++, Unix, Unity, Vizard, VBA:Excel, LaTeX, Jenkins.

## Education:

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**Oregon State University**

**September 2013 – September 2018**

**Degree in Progress:** BS in Computer Science with an Applied Option in Human Factors Engineering

**GPA:** 3.31

**Related Classes:** Introduction to Usability Engineering, Inclusive Design With Personas, Information Visualization, Behavior Modification, Cognitive Psychology, Software Engineering I & II

## MECOP Inc. Internship Roles:

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**Software Developer Intern**

**April 2016 – September 2016**

Intel, Hillsboro, Oregon

- Researched, designed, prototyped, documented, and presented a refactored version of the in-house automation tool to increase usability, portability, maintainability, and scalability.
- Maintained and updated an in-house automation software tool used by the CAD Librarians.
- Job shadowed CAD Librarians and participated in their job-related tasks.

**Software Testing Intern**

**June 2017 – December 2017**

Daimler Trucks North America, Portland, Oregon

- Learned about FEA models and the in-house program DAASS that is used to stress test virtual representations of Daimler's products.
- Researched, designed, prototyped, documented, presented, and implemented a Python based testing suite solution for current and future FEA projects.
- Established and maintained a Jenkins Continuous Integration server which is used to automate the Python based testing suite.

## Experience:

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**Research Assistant**

**June 2014 – January 2016**

Cognition and Action in Real & Virtual Environments Lab, Oregon State University

- Developed, implemented, and tested object visualizations for test participants and usability features for research assistants in two different psychology studies.
- Became familiarized with Vizard Virtual Reality Software Toolkit and virtual reality hardware.