**DERIC PANG**

(702) 606-5830 • pderichai@gmail.com

4233 9th Ave NE Seattle, WA 98105 • <https://github.com/pderichai>

**EDUCATION**

**University of Washington, Seattle** September 2014 - Present

B.S. in Computer Science & Engineering (Sophomore)

Dean’s List

Overall GPA: 3.86/4

**EXPERIENCE**

**Undergraduate Researcher** March 2015 – Present

*University of Washington Computer Science & Engineering Seattle, WA*

· Worked as part of the Programming Languages and Software Engineering group.

· Wrote approximately 3000 lines of code in the summer of 2015.

· Studied patch minimization and delta debugging—currently in the process of authoring a paper.

**Front End Developer** September 2015

*AT&T Mobile App Hackathon Seattle, WA*

· Worked to create *Weelz*, a crowdsourced mobile bike hazard notification android application.

**Chamber Music Club Officer** June 2015 – Present

*Project and Event Planner University of Washington*

· Arranged members into chamber groups and planned concerts quarterly.

**PROJECTS**

**Patch Minimizer** March 2015 – Present

· Automatically isolates buggy code between two versions of a program.

· Approximately 2000 lines of code.

· Can be used with any language or project.

**[Diff-Utils](https://github.com/pderichai/diff-utils)** August 2015

· A diff utility that allows for the syntactically correct manipulation and modification of unified diff files. · Created for use in patch minimization research.

**Weelz** September 2015

· A crowd sourced bike hazard notification application.

· Worked on front end android application development.

**SKILLS**

**Proficient In** Java, Linux, Bash

**Experience With** C, HTML & CSS, JavaScript, Android SDK, Google Maps API

**Tools** Git, Emacs, Vim, Defects4J