

# DERIC PANG

(702) · 606 · 5830 ◇ pderichai@gmail.com  
4233 9th Ave NE ◇ Seattle, WA 98105  
<https://github.com/pderichai>

## EDUCATION

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### University of Washington, Seattle

September 2014 - Present

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

Dean's List

Overall GPA: 3.86/4

Coursework: Computer Programming I & II, Foundations of Computing, Hardware Software Interface, Software Design and Implementation

## EXPERIENCE

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### 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

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### 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-Utills

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

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### Proficient In

Java, Linux, Bash

### Experience With

C, HTML & CSS, JavaScript, Android SDK, Google Maps API

### Tools

Git, Emacs, Vim, Defects4J