

# DERIC PANG

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<https://github.com/pderichai>

## EDUCATION

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**University of Washington, Seattle** September 2014 - Present  
B.S. in Computer Science & Engineering (Expected graduation date: June 2017)  
Dean's List  
Overall GPA: 3.86/4

## 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.

**Front End Developer** September 2015  
*AT&T Mobile App Hackathon* *Seattle, WA*

- Worked to create *Weelz*, a crowdsourced mobile bike hazard notification 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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**Java Patch Minimizer** March 2015 – Present

- A java patch minimizer for use with the Defects4J java bug database.
- Approximately 2000 lines of code.
- Utilizes delta debugging to isolate defects and faults in source code.

**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

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<b>Proficient In</b>	Java, Linux, Bash
<b>Experience With</b>	C, HTML & CSS, JavaScript, Android SDK, Google Maps API
<b>Tools</b>	Git, Emacs, Vim, Defects4J