

DERIC PANG

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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

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
Experience With
Tools

Java, Linux, Bash
C, HTML & CSS, JavaScript, Android SDK, Google Maps API
Git, Emacs, Vim, Defects4J