

DERIC PANG

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<https://github.com/pderichai>

EDUCATION

University of Washington, Seattle September 2014 - Present
B.S. in Computer Science & Engineering (Expected graduation date: June 2018)
Dean's List
Overall GPA: 3.78/4

EXPERIENCE

Software Development Engineering Intern March 2016 – Present
Amazon.com *Seattle, WA*

- Worked on the Payments Platform.
- Automated the process of updating bank validation files.
- Saved the Payments Platform approximately five engineer work days a month by automating this process.

Undergraduate Researcher March 2015 – March 2016
University of Washington Computer Science & Engineering *Seattle, WA*

- Worked as part of the Programming Languages and Software Engineering group.
- Studied patch minimization and delta debugging.

Teaching Assistant January 2016 – March 2016
University of Washington Computer Science & Engineering *Seattle, WA*

- Worked as a teaching assistant for CSE 331 - Software Design & Implementation.
- Instructed a recitation section of forty students.

PROJECTS

Patch Minimizer March 2015 – September 2015

- 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.

SKILLS

Proficient In	Java, Linux, Bash
Experience With	C, HTML & CSS, JavaScript, PHP, SQL, AWS S3, AWS Lambda, AWS SWF, AWS DynamoDB, Android SDK, Google Maps API
Tools	Git, Emacs, Continuous Integration Tools, Various Build Tools