

Jake Zimmerman

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EDUCATION

CARNEGIE MELLON UNIV.

BS IN COMPUTER SCIENCE

Expected May 2017 | Pittsburgh, PA

Cum. QPA: 3.55

Dean's List (F13, F15)

LINKS

GitHub: [jez](#)

Website: [jez.io](#)

Blog: [blog.jez.io](#)

COURSEWORK

UNDERGRADUATE

(15312) Programming Languages

(15418) Parallel Computer Programming

(15150) Principles of Functional Programming

(10601) Machine Learning

(15210) Parallel Data Structures and Algorithms

(15213) Introduction to Computer Systems

SKILLS

LANGUAGES

Extensive:

JavaScript • Python • Shell • HTML/CSS
SML • Sass

Comfortable:

C • C++ • Java • Haskell • Ruby

TECHNOLOGIES

Extensive:

Node.js • React • Git • Unix

Comfortable:

Django • SQL • MongoDB • VPSs

HACKATHONS

Dropbox Hack Week (Aug 2015)

- Nominated for Flywheel Award

Battle of the Hacks v2 (Jun 2015)

MHacks IV (Sep 2014)

- Placed in top 14

Bloomberg Challenge (Jul 2014)

Battle of the Hacks (Jun 2014)

- For Hackathon organizers

TartanHacks (Feb 2014)

- Won AWS second prize

HackPrinceton (Nov 2013)

EXPERIENCE

STRIPE | SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | San Francisco, CA

- Worked on Stripe Checkout, a seamless, drop-in checkout flow for your app
- Worked primarily in **JavaScript** and **React**

DROPBOX | SOFTWARE ENGINEERING INTERN

May 2015 – Aug 2015 | San Francisco, CA

- Worked on Dropbox Paper, a team-centric, realtime syncing note-taking app
- Worked primarily in **TypeScript** and **React** with a splash of **less**.

BLOOMBERG LP | SOFTWARE ENGINEERING INTERN

Jun 2014 – Aug 2014 | New York City, NY

- Rewrote an exchange simulator in **C/C++** aiming to improve maintainability
- Deflated codebase by 33%, from 9900 to 6600 lines, while adding features

SCOTTYLABS | DIRECTOR OF TECHNOLOGY

Sep 2013 – February 2016 | CMU student organization

- Coordinate and mentor TartanHacks, CMU's largest hackathon
- Organize and speak at tech talks and workshops on campus, including talks on Vim and JavaScript

GREAT PRACTICAL IDEAS IN CS | LEAD TEACHING ASSISTANT

Aug 2014 – Present

- Teach core, practical CS concepts to incoming freshmen
- Topics include **Unix systems**, **bash**, **Vim/emacs**, **git**, **make**, **gdb**, **valgrind**

PROJECTS

AUTOLAB

Dec 2014 – Present | [autolab/Autolab](#)

- Develop and maintain Autolab, an open source course management and autograding solution initially created by a team at CMU
- Uses **Ruby on Rails** and **MySQL**.

TUNEMACHINE

Jan 2014 – Mar 2014 | [jez/tunemachine](#)

- Version control your Spotify playlists by taking snapshots and restoring to them
- Lovingly developed with **Node.js** and **React**.

TEXDOWN

Jan 2014 – Mar 2014 | [www.texdown.org](#)

- Developed Markdown + \LaTeX app for efficient note-taking in technical classes
- Written using **Node.js** and **MongoDB**.

PRINT@SCOTTYLABS

Sep 2013 – Dec 2014

- Enable hassle-free mobile printing to CMU printers using email attachments
- Written using **Django** and **Python 3**, deployed on a **Debian** VPS.