Jake Zimmerman

http://zimmerman.io
jake@zimmerman.io | 414.460.3435

EDUCATION

CARNEGIE MELLON UNIV.

BS in Computer Science
Expected May 2017 | Pittsburgh, PA
Cum. QPA: 3.62
Dean's List (F13)
TA for Great Practical Ideas in CS (S14)

LINKS

GitHub: **Z1MM32M4N**
Twitter: **@Z1MM32M4N**
Website: **www.zimmerman.io**
Blog: **blog.zimmerman.io**

COURSEWORK

UNDERGRADUATE

Principles of Functional Programming
Great Theoretical Ideas in CS
Principles of Imperative Computation
Mathematical Foundations of CS
Matrices and Linear Transformations

SKILLS

LANGUAGES

Extensive:
C, C++, JavaScript, Shell
Python, Java, HTML/CSS, Sass
Comfortable:
SML, Haskell, Assembly

TECHNOLOGIES

Extensive:
Node.js, Django, git
Comfortable:
Meteor.js, SQL, MongoDB, VPSs

HACKATHONS

Bloomberg Coding Challenge - July 2014
Battle of the Hacks - June 2014
TartanHacks - Feb 2014
HackPrinceton - Nov 2013

EXPERIENCE

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
- Attended multiple tech talks covering subjects such as **Hadoop** , **C++** , and **functional programming**

SDNB TECH DEPT | Intern

Jun 2013 – Aug 2013 | New Berlin, WI
- Aided with common IT-related tasks, such as batch OS imaging & BIOS editing
- Provided technical and troubleshooting support for faculty and staff

ZIMM'S YARD SERVICES | Owner

May 2008 – Aug 2013 | New Berlin, WI
- Started neighborhood lawn service business, ran for five summers.
- Developed **Java** app to track transactions, create invoices, etc.

KUMON LEARNING CENTER | Math and Reading Tutor

Oct 2011 – Aug 2013 | Franklin, WI
- Tutored math and reading one-on-one with students aged pre-K to high school

PROJECTS

PRINT@SCOTTYLABS

Sep 2013 – Present
Rewrote and now maintain an app affiliated with the student organization ScottyLabs which enables printing to CMU printers from any device using MIME email attachments. Written using **Django** and **Python 3,** deployed on **Debian.**

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.**

GITORIAL

Feb 2014 | http://www.gitorial.com/
Hackathon project to bring the power and elegance of git to the process of code tutorial creation. Simply format a commit diff as a step in the tutorial; the rest is automated. Built using **Node.js** and **AWS.** Won Amazon's sponsored prize at **TartanHacks.**

HPSTR THEME FOR OCTOPRESS

June 2014 | http://blog.zimmerman.io/
Ported the HPSTR Jekyll theme to Octopress, rewriting the stylesheets in **Sass.** Also added more powerful customization features and CSS3 support.

OTHER

SPANISH LANGUAGE INTERPRETER | Ebenezer Food Pantry

2009 - 2013 | Milwaukee, WI

STUDENT TECH SPEAKER | Bring Your Own Device Talk Series

2012 - 2013| Wisconsin