Zachary T. Zimmerman

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http://oneman2feet.github.io

EDUCATION	*Cornell University College of Engineering*	August 2013 - May 2017 (expected)

B.S. in Computer Science – GPA: 4.1 / 4.3

Stuyvesant High School — September 2009 - June 2013

Class of 2013 – GPA: 4.0

WORK EXPERIENCE

Web Development – V.I.A. Vintage Intelligence Agency — June 2012 - present

- Developed a pair of highly customized and artistic websites for a fashion company: a portfolio site for its founder, and the company's webpage itself.
- Used jQuery for sliding panels and infinite scrolling
- Optimized pre-loading of images and resources

PROJECTS

Github Profile: https://github.com/Oneman2feet

Sleepy Bob: Cornell Google Game Jam — September 14, 2013

- Lead the 1st place team in this 24-hour hackathon, coded a sidescrolling sleep-themed game
- Implemented parallax effects and utilized Box2D.js for ragdoll simulation
- Play it at http://oneman2feet.github.io/sleepybob

Poem Generator: Presented at Google, NY — May - June 2013

- Developed a social poem-sharing site with built in poem generator
- Made options for generating sonnets, haikus, or poems in the style of famous poets
- Implemented markov chains, rhyming, and counting syllables using nltk

StuyDash — November 2012

- Designed a school dashboard site incorporating bell schedule, weather, and current events
- Screen-scraped information using regular expressions, displayed with a Javascript widget
- Information also accessible through texting and a phone hotline using the Twilio API

RELEVANT CLASSES

Data Structures and Functional Programming, Discrete Structures
Object Oriented Programming

ACTIVITIES

Chai Notes A Cappella — January 2014 - present
Member of Cornell University's only Jewish themed, co-ed A Cappella group

"Plugged In" Youth Group — September 2007 - August 2013
President of church youth group which engages in mission and volunteer work

Zero Robotics — December 2010 - October 2012
Finalist in national robotics competition on the international space station
Coded three-dimensional formation flight, spacecraft docking, and autonomous collaboration

SKILLS

Programming Languages:	Java, Python, Scheme, OCaml
Web Development:	Javascript, HTML5, CSS3
Software:	mongoDB, git, SVN, LaTeX

INTERESTS

- Speedcubing and Rubik's Cube puzzles
- Bodyboarding and Surfing
- Singing