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## **Education**

**University of Pennsylvania** - Philadelphia, PA

**August 2013 – May 2017**

- Pursuing BSE in *Computer Science*
- Minor in *Math, Cinema Studies*

**Relevant coursework:** Data Structures and Algorithms in Java, Market and Social Systems on the Internet, Engineering Probability, Programming Languages and Techniques I, Mathematical Foundations of Computer Science, and Calculus III.

**Mt. Lebanon High School** - Pittsburgh, PA

**September 2009 – June 2013**

## **Work Experience**

**BudgetSimple** in Pittsburgh, PA

**May 2014 – Present**

***Software Development Intern***

- Work with consumer facing web and mobile apps to analyze, debug, repair, and create code, documentation and other internal and external processes.

**PennCycle** at the University of Pennsylvania

**February 2014 - Present**

***Developer and Webmaster***

- Maintain the PennCycle.org and its database, which oversees the maintenance and distribution of Penn's on-campus bike rental service.
- Currently working to add and debug new features, such as a Twilio text message alert system, iPhone application, and real-time bike tracking using Google Maps API.
- Back-end work is done in Django and Postgres.

**Rangos Research Center** at the University of Pittsburgh

**June 2013 – August 2013**

***Student Research Intern***, Department of Neurology

- Conducted DOD-funded molecular biology research under the supervision of Dr. Ira Bergman, which included plasmid DNA replication, GFP colony cells, and use of lab mice.

**Walnut Grill** of Mount Lebanon

**April 2013 – August 2013**

***Server***

**Best Buy** of South Hills

**August 2012 – January 2013**

***Mobile Sales Consultant***

- Activated mobile smartphones, sold accessories, and managed company downstocks.

## **Skills**

- **Programming languages:** Python, Java, OCaml, JavaScript, and HTML/CSS.
- **Software:** Django, jQuery, Bootstrap, Android, Sublime, Git, and Eclipse.
- **Operating Systems:** Windows, Mac, and Linux (Ubuntu/Debian)
- 10 years of orchestral horn playing.
- Fluency in Mandarin Chinese.