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## Education

**University of Pennsylvania** - Philadelphia, PA

**August 2013 – May 2017**

- Pursuing B.S.E. in *Computer Science*
- Minor in *Cinema Studies*

**Major-related coursework:** Data Structures and Algorithms, 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

**University of Pennsylvania** in Philadelphia, PA

**August 2014 – Present**

### **Teaching Assistant**

- TA for CIS 121 (Data Structures and Algorithms in Java) – a third-semester course in Penn's Intro to Computer Science sequence.
- Responsibilities include teaching weekly recitations of 25 students, holding offices hours, grading assignments and exams, and leading review sessions.

**Department of Pediatrics, Neurology Division** at the University of Pittsburgh

**Summer 2014**

### **Software Developer**

- Contracted to develop applications for administering situation-based tests to medical school students.

**BudgetSimple** in Pittsburgh, PA

**Summer 2014**

### **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 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 and real-time bike tracking using Google Maps API.
- Back-end work done in Django and Postgres.

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

**Summer 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 Mt. 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, PHP, Java, JavaScript, OCaml, and HTML/CSS.
- **Technologies:** jQuery, MySQL, Apache, Django, Sublime, Git, and Eclipse.
- **Operating Systems:** Windows, Mac, and Linux
- 10 years of orchestral horn playing and currently learning tin whistle.