

Brian Z. Shi

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Education

University of Pennsylvania - Philadelphia, PA
Intended Major: Computer Science

August 2013 – May 2017

Relevant coursework: Data Structures and Algorithms in Java, Marketing and Social Systems on the Internet, Engineering Probability, Programming Languages and Techniques I, and Calculus 3.

Mt. Lebanon High School - Pittsburgh, PA
Graduated *Cum Laude* (5.1/4.0 GPA)

September 2009 – June 2013

Work Experience

PennCycle at the University of Pennsylvania
Developer and Webmaster

February 2014 - Present

- 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 text message alert system and iPhone application.
- Back-end work is done in Django.

Rangos Research Center at the University of Pittsburgh
Student Research Intern, Department of Neurology

June 2013 – August 2013

- 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
Server

April 2013 – August 2013

Best Buy of South Hills
Mobile Sales Consultant

August 2012 – January 2013

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

Skills

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