Anthony John Burzillo

(774) 270-4461

2914 N. Calvert St.   burz@jhu.edu   3 Kelsey Rd.
Baltimore, MD 21218   burz.io   Natick, MA 01760

github.com/burz

Education

The Johns Hopkins University   Baltimore, MD
B.A. in Mathematics, B.S. in Computer Science   Expected May 2015
GPA 3.54; Dean's List – Fall 2011, Spring & Fall 2012

<u>Relevant Coursework</u>: Linear Algebra, Advanced Algebra I & II, Data Structures, Automata & Computation Theory, Compilers & Interpreters, Real Analysis I, Honors Analysis II, Intro to Topology, Mathematical Logic I & II, Computer Graphics, Differential Equations, Intro to Probability, Intro to Algorithms, Intro To Statistics, Programming Languages

Work Experience

Bloomberg LP   New York, NY
Financial Software Intern with Bloomberg Intelligence   May - August 2014
- Designed and implemented algorithms to intelligently speed up data caching using C++ and SQL
- Developed C++ and bash command line utilities to streamline testing

Mission Data   Washington, DC
Backend Development Intern   May - August 2013
- Implemented synchronous & asynchronous functionality using Ruby on Rails and JavaScript
- Developed APIs for smooth application deployment
- Engineered scalable relational database models

The Johns Hopkins University   Baltimore, MD
Physics & Math PILOT Leader   February - December 2013
- Guided a group of 7 students through weekly problem sets
- Facilitated the development of a comfortable and productive atmosphere

The Johns Hopkins University   Baltimore, MD
Physics Lab Teaching Assistant   August 2012 - May 2013
- Supported a group of 16 students in weekly lab experiments
- Explained complex topics in terms appropriate to each student's level of knowledge

Leadership

Phi Delta Theta Fraternity, JHU Chapter   Baltimore, MD
Brotherhood Chairman   Fall 2013
- Planned, coordinated, and executed events for over 40 brothers

The Johns Hopkins University   Baltimore, MD
Peer Ambassador   Fall 2012 & 2013
- Gave talks to groups of 20 new students to help acclimate them to college life

Technical Skills

- **Languages:** C/C++, Haskell, Ruby, Python, OCaml, Java, JavaScript, AMD64, bash, LaTeX
- **Web Frameworks:** Yesod, Ruby on Rails
- **Operating Systems:** Linux, Mac OSX, Windows
- **Software:** vim, git, Mathematica, svn, Microsoft Office