

Anthony John Burzillo

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Education

The Johns Hopkins University

Baltimore, MD

B.A. in Mathematics with a second major in Computer Science

May 2015

GPA 3.47; Dean's List – Fall 2011, Spring & Fall 2012

Relevant Coursework: 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, Intro to Bitcoin and Other Crypto-currencies, Modern Cryptography, Randomized Algorithms, Intro to Machine Learning

Work Experience

Bloomberg LP

New York, NY

Financial Software Developer

June 2015 - Present

Currently, I am working with the Listed Derivatives Volatility team. We are developing new database methods to deal with the billions of calculations we need to do per minute.

The Johns Hopkins University

Baltimore, MD

Compilers & Interpreters Course Assistant

February - May 2015

- Held office hours to help students with questions about the course
- Analyzed students code to produce feedback on how to improve their programming

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

Leadership

Phi Delta Theta Fraternity, JHU Chapter

Baltimore, MD

Brotherhood Chairman, Warden

Fall 2013, Fall 2014

- Planned, coordinated, and executed events for over 40 brothers
- Resolved conflict between parties through small group discussions

Technical Skills

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