

EDUCATION

- 2009 – 2013 **University of Maryland, College Park**
Bachelor of Science in Computer Science & Mathematics
- Enrolled in Honors Program
 - Awarded President's Scholarship

EXPERIENCE

- 2014 – present **Google** Mountain View, CA
Software Engineer
- Worked on personal search team to enable various personal results on google.com
 - Modified frontend and backend components in the search stack using c++ & java
 - Analyzed user behavior to improve ranking and result quality
- summer 2013 **Microsoft** Redmond, WA
Program Manager Intern
- Designed a Java SDK that provides Azure service management ability through REST calls
 - Wrote a functional spec with API signatures, competitor analysis, and code samples
- summer 2012 **IBM** Durham, NC
Extreme Blue Intern
- Developed a virtual machine OS updating infrastructure for private clouds
 - Wrote a software component for IBM Workload Deployer in python
- summer 2011 **Google** Mountain View, CA
Software Engineering Intern
- Implemented a backup system for OneGoogle library (3,000,000,000+ requests daily)
 - Modified the OneGoogle Java library, C++ backend, and python scripts
- 2011 – 2013 **UMD Computer Science Dept.** College Park, MD
Teaching Assistant
- Courses: CMSC132H (Object-Oriented Programming II), CMSC351 (Algorithms)
 - Assisted the professor in grading. Helped students master course material
- 2011 – 2013 **UMD Math Success Program** College Park, MD
Head Math Coach
- Supervised math coaches and led staff in providing exceptional tutoring services
 - Interviewed candidates and hired ~10 coaches every semester

HONORS

- 5/2012 Captain of 1st place team at Google Games DC competition
- 2010 – 2012 Putnam Math Contest. Scored in the top 39%, 18% and 32% respectively
- 5/2011 ACM International Collegiate Programming Contest (ICPC) World Finalist

SKILLS

- Advanced Java, C, C++
Proficient Python, Ruby, Go, Visual Basic, Haskell, Ocaml