

## EDUCATION:

**American University (AU)**, Washington DC, August 2011-May 2014

BS, Mathematics, Minors in Computer Science (CS) and Economics, May 2014

Honors: Graduated *magna cum laude*, Math/CS GPA: 3.85/4.0, Cumulative GPA: 3.82/4.0

Best Oral Presentation in the Sciences, 24<sup>th</sup> Annual R. R. Mathias Student Research Conference (2014)

Outstanding Presentation in the Natural Sciences, 2014 Honors Capstone Research Conference

Mathematics and Statistics Book Award (2012)

Dean's List: Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014

### Relevant Courses and Projects:

- Honors Capstone Project:
  - Worked on a [computational analysis](#) of Riemann's Zeta Function
  - Used Python and Julia programming languages to calculate Zeta at odd integer values to arbitrary precision'
- Operating Systems:
  - Built a basic command line based single process operating system, with similar functionality to CP/M and MS-DOS Version 1
- Simulation and Modeling:
  - Used Python and relevant Python libraries to solve computational models and develop models
  - Developed a [simulation](#) for the growth of fish population using Python
- Mobile Development:
  - Created an [Android Arcade game](#) and posted it to the [Google Play Store](#) where the game has been downloaded 500-1000 times, since May 7, 2013

**Freie Universität**, Berlin, Germany, May 2012-July 2012

- Participated in Summer Study Abroad Program with an Intensive German Language Course
- Lived with a German Host Family and spoke only German

## SPECIAL SKILLS:

*Language*: English (Native Language), German (Advanced), Lithuanian (Basic)

*Computer*: Java, Hibernate Annotations, HTML, CSS, PHP, Drupal, JavaScript, AngularJS, Python, Julia, Android, C, Git, LaTeX

## EXPERIENCE:

**Accenture Federal Services**, Washington DC

System Developer Analyst, June 2014-present

- Worked as a Java Developer on the Web Development Team at the Department of Education
- Developed Java web services to improve product functionality, working with Hibernate, Spring and Maven

**FierceMarkets**, Washington DC

Information Technology Intern, January 2014-June 2014

- Assisted in website maintenance and development of new pages and functionality
- Assisted in the modification of modules to Drupal websites
- Provided technological support to employees and users

**American University**, Washington DC

Grading Assistant, Department of Mathematics and Statistics, September 2012-May 2014

- Correct assignments and tests weekly for courses in Finite Mathematics and Calculus I and II each with 30 students
- Work one-on-one with students throughout the semester as needed to explain course material

**Allversity**, Berlin Germany

Intern, June-July 2013

- Developed [courses](#) in Basic Arithmetic, Pre-Algebra, Algebra, Geometry, Trigonometry, Introductory Python
  - Assembled math courses from open educational resources
  - Wrote 7 lessons for the Introductory Python course
- Interacted with community members in German to promote Allversity's work