

Henry C. Zelenka

hcz2@georgetown.edu

5937 Second Street South, Arlington, Virginia, 22204

Education

Georgetown University, Washington, DC

August 2014 – December 2017

Double Major: Mathematics and German, Minor: Economics

GPA: 3.804/4.000

- Graduated *cum laude*
- Major GPA in Mathematics: 3.899/4.000, Major GPA in German: 3.909/4.000
- Completed five-week study abroad program, Trier, Germany, Summer 2016

Coursework

Mathematics: Multivariable Calculus, Linear Algebra, Introduction to Proof and Problem Solving, Abstract Algebra, Ordinary Differential Equations, Real Analysis, Complex Analysis

- Independent Study with Professors: Abstract Algebra II, Introduction to Cryptography
- Coursera Courses: R Programming

Economics: Intermediate Microeconomics, Intermediate Macroeconomics, Economic Statistics, Introduction to Econometrics, Time Series Econometrics, Game Theory

Computer Science: Computer Science I, Computer Science II

Experience

Tutorial: Introduction to Cryptography

Fall 2017

Independent Study Course with Professor Hans Engler

Washington, DC

- Studied advanced topics such as the RSA cryptosystem and elliptic curve cryptography
- Independently completed proofs and problems for weekly one-on-one meetings

Butler Institute for Families, University of Denver

Summer 2016, 2015, 2014

Data Assistant

Denver, CO

- Generated and analyzed child welfare data to assess program efficacy
- Unified various data sets between applications such as Excel and SPSS

Federal Work Study Program

Fall 2014, Spring 2015, Fall 2015

Various Positions

Washington, DC

- Assisted the library IT department, library front desk and the Department of Public Safety
- Worked 10 to 15 hours per week while maintaining a strong grade point average

Skills

Full Professional Proficiency in German

Programming Languages: C & C++, Python, R

Tools: Git & Github, L^AT_EX, Microsoft Office (Word, Excel, PowerPoint), SPSS, Unix