Julianne K. Zech

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**EDUCATION**

**Georgetown University Washington, D.C.**

*Bachelor of Arts in Computer Science & Mathematics* May 2020

* **GPA:** 3.86 / 4.00
* **Current Courses:** Advanced Programming, Applied Statistics, Data Structures, Time Series Analysis
* **Additional Courses:** Financial Accounting,International Finance, Micro & Macroeconomics

**WORK & LEADERSHIP EXPERIENCE**

**Greenwich Associates Stamford, CT**

*Client Associate* *Intern*  Summer 2018

* Support Investment Management team for leading global provider of proprietary market research and advisory services to the financial services industry with research partners including Google and Microsoft
* Perform data cleaning and statistical visualizations on large financial data sets across 60+ asset classes
* Track activities of 3,000+ pension funds, foundations, and other institutional investors in 70 countries
* Prepare data-driven presentations, write and edit research reports used by firm’s consultants in meetings and sales pitches with 260+ sell-side clients including BlackRock, J.P. Morgan, and Vanguard

**The Hilltop Microfinance Initiative** **Washington, D.C.**

*Director of Digital Operations* January 2017 – Present

* Lead 3-person digital team for student-run 501(c)(3) non-profit microfinance organization with $76,700 in assets and $45,000+ in historical loans to low-income entrepreneurs in D.C., Maryland, and Virginia
* Created new website with improved readability and integrated payment processing and news stream

**SELECTED PROJECTS**

**Data Analysis Capstone: Applied Statistics Class**  August 2018 – Present

* Building a model in R to clean and analyze data set with 10 predictor variables using regression diagnostics and one-way and multi-way ANOVA
* Final deliverable will include an evaluation of interaction effects and multicollinearity

**Online Feature Selection: Research with Faculty Advisor** September 2018 – Present

* Developing online machine learning algorithm based on weighted majority to scale efficiently for large inputs

**EXTRA-CURRICULAR ACTIVITIES**

**Georgetown Collegiate Investors Washington, D.C.**

*Investment Analyst* January 2018 – Present

* Source and pitch investments for student-managed investment fund with $120,000 in equity
* Produced stock pitch on AbbVie Inc. with 5 group members using industry and risk analyses and intrinsic valuation: placed 1st out of 11 teams, earned highest individual score out of 70 presenters

**Computer Science Student Advisory Committee Washington, D.C.**

*Undergraduate Representative* September 2018 – Present

* Recommend improvements to academic curriculum and student resources to the Director of the Computer Science department; 1 of 3 undergraduate computer science majors selected by faculty

**SKILLS, ACTIVITIES & INTERESTS**

**Technical Skills:** Proficient in C++; Experience with HTML, Java, and R

**Other Activities:** Georgetown FinTech, GU Eating Society, GU Women Coders, Smart Woman Securities

**Interests:** Cooking Syrian food, Exploring D.C. restaurant scene, Golfing, Hiking in the Amazon