

# Cameron Bennett Joyce

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## EDUCATION

**Wofford College**, 429 N Church Street, Spartanburg, SC *August 2018 - May 2022*  
Bachelor of Science: Computer Science with a concentration in Data Science *GPA: 3.94*  
Bachelor of Arts: Economics, Mathematics  
**Honors:** Charles Daniel Finalist Scholar, National AP Scholar, High School Valedictorian

## WORK HISTORY

**Summer Associate**, Guidehouse, Washington, D.C. *Summer 2021 (Upcoming)*  
**Economics Research Assistant**, Wofford College, Spartanburg, SC *March 2019 - October 2020*

- Utilized fixed-effect econometric modeling in R, Python, and Stata to analyze 4% of the U.S. population to measure causal relationships in demographic data.
- Built a RNN to detect anomalies in Google Search Metadata for tracking incidents in real time.
- Built a web scraping tool to collect data on hundreds of basketball games for my faculty research.
- Presented undergraduate thesis results in a faculty-led research symposium.
- Researching Data Engineering with faculty members in preparation for Google Professional Certification.

**Research Science Intern**, Naval Information Warfare Center (DoD), Charleston, SC *Summer 2020*

- Researched and developed information warfare solutions in support of the United States Navy.
- Programmed complex learning systems with the deep learning and software engineering teams

**Information Management Programmer**, Wofford College, Spartanburg, SC *February 2019 - February 2020*

- Programmed the website, the servers, the database, and online forms for Wofford College
- Full-stack web development as part of the team that updated and maintained the entire data platform for Wofford College.

**Data Analyst Intern**, West Oil Company, Hartsville, SC *Summer 2019*

- Basic financial analysis in R and Excel to identify trends in consumer data and product pricing.
- Product analytics and fixed cost reduction strategies generated \$36,000 in profit over 4 years.

**Children's Book Author**, Hartsville, SC *June 2017- February 2018*

- Authored *Tales on the Town* celebrating the history and culture of my hometown of Hartsville.

## WORKING PAPERS

*Ether as a Working Currency and the Infinite Velocity Problem (Outlined, 2021)*  
*Hayek, Liberal Arts, and Blockchain: Information Asymmetry Solutions (In Progress, 2020)*  
*Searching for Trouble: Using Google-Search Metadata to Predict Calamity (In Progress, 2019)*  
*The Effect of Legalization of Same-Sex Marriage on Same-Sex Homeownership Rates (Finished, 2019)*

## ACTIVITIES

**Mentor, Youth Stutterers** *January 2021 - Present*  
**Economics and Computer Science Peer Tutor** *October 2017 - Present*  
**Student Lead, Wofford Interim Committee** *September 2020 - Present*  
**ScrumMaster, WoCoders Team 1** *September 2020 - January 2021*  
**Term Member, Wofford Honor Council** *April 2019 - May 2020*  
**Member, Wofford Financial Affairs Committee** *October 2018 - May 2020*

## SKILLS

**Programming Languages:** Python, R, Java, SQL, Stata, Scala, Solidity, Haskell  
**Software/Libraries:** Docker, Elastic Stack, Google Cloud Platform, Excel, PowerBI, Tableau, Tensorflow  
**Planned Certifications:** Google Certified Professional Data Engineer (taking exam September 2021)