

IAN DE MEDEIROS

Full-Stack Developer

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WHO AM I?

Aspiring software engineer, data evangelist, once and future teacher, and perpetual student. Enjoys the intersection between intuitive design and data-driven visualizations. Passionate about combining real-world data and clean code to tell engaging stories.



EXPERIENCE

- 07/2020 – 10/2020 (Washington, DC) **Software Engineering Immersive Program** General Assembly
- <Developer-Verse/> - Full-stack application created in conjunction with my classmates. I constructed the back-end and model permissions using Python, Django, and PostgreSQL, and deployed the back-end via Heroku
 - py-cheesi - Python API created using PostgreSQL, Express, and Flask using data that I scraped from cheese.com
 - First Families API - Full Stack MERN application that I created to hold basic biographical information on each president and their descendants
- 07/2019 – 07/2020 (Chicago, IL) **Financial Planning Assistant** Jensen and Associates
- Analyzed client financial data; reviews and correlates personal goals to provide actionable insights to senior financial advisers within the practice
 - Collected, processed and documented market research data to facilitate client communication and financial decision making
 - Facilitated money movements and executed and monitored trades for licensed partners
- 07/2018 – 07/2019 (Washington, DC) **Senior Research Assistant** Board of Governors of the Federal Reserve System (Washington, DC)
- Performed Matlab simulations testing the effect of various monetary policy commitment strategies on macroeconomic indicators
 - Developed and maintained R Shiny Dashboard for outsourcing prediction of economic indicators among staff using R and GitLab
 - Automated the creation of tables and figures using an R Shiny Dashboard for presentation at monthly policy meetings among senior economists
- R / Matlab / Git / LaTeX
- 07/2017 – 07/2019 (Washington, DC) **Research Assistant** Board of Governors of the Federal Reserve System (Washington, DC)
- Analyzed historical mortgage and labor data to provide insights for economists' research and policy work using R and Stata
 - Proofed academic papers and model documentation for presentation at economic conferences
 - Completed literature reviews to assist economist research
- R / Git / LaTeX

EDUCATION

- May 2017 **Master's Degree, Economics** Miami University
Thesis: Keeping Up with the Joneses: The Effects of Income Inequality on Mental Health
- May 2017 **Bachelors of Science, Statistics** Miami University
- Intensive Summer Language Program in Germany (2014)
- May 2017 **Bachelors of Science, Economics** Miami University
- University of Graz Economics and Ethics Seminar (2015)