Ian de Medeiros

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Skills

Programming Languages - JavaScript, R, Python, Stata, HTML, CSS, LaTeX
Platforms and Frameworks - Flask, SQLAlchemy, React, Django, Node.js, Bulma, Mongoose, Express, MongoDB, Shiny
Other - Git, Heroku, Netlify, Database Design, Data Structures, Statistical Analysis, Research, Technical Writing, Teaching

Experience

General Assembly
Software Engineering Immersive | August 2020 – October 2020
- <Developer-Verse/> - Full-stack application created in conjunction with my classmates. I assisted with the construction of the back-end and model permissions, designed the database, and deployed the back-end via Heroku
    - Python, Django, Heroku
- py-cheesi - Flask RESTful API containing data on all 1833 speciality cheeses using data scraped directly from cheese.com
    - Python, SQLAlchemy, Flask, Heroku
- First Families API - Full Stack MERN application created to hold basic biographical information on each president and their descendants with a front-end that allows full interaction with the Heroku back-end server
    - JavaScript, ReactJS, Mongoose, NodeJS

Jensen and Associates
Financial Planning Assistant | July 2019 - June 2020
- Analyzed client financial data; documented and correlated personal goals to provide actionable insights by drafting financial plans for senior financial advisers; Followed up with advisers and promptly implemented feedback received
- Facilitated money movements by carefully executing and monitoring trades for licensed partners

The Board of Governors of the Federal Reserve System
Senior Research Assistant | July 2018 – July 2019
- Developed and maintained R Shiny Dashboard for outsourcing predictions of economic indicators among staff using R and GitLab
- Automated the creation of tables and figures for key economic indicators using an R Shiny Dashboard for presentation at monthly policy meetings among senior economists
- Taught, developed, and implemented curriculum for analytics-focused economics course at Howard University

Research Assistant | July 2017 – July 2018
- Analyzed historical mortgage and labor data using R and Stata and created to provide insights for economists' research and policy work
- Proofread academic papers and model documentation for presentation at economic conferences

Education

Economics, Masters of Arts (May 2017), Miami University, Oxford, OH
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