Jacob Deaton

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EDUCATION

Oregon State University   June 2024 - August, 2026 (Expected)
B.S. Computer Science   *Corvallis, OR*

University of Virginia   Aug. 2017 - May, 2021
B.A. Economics   *Charlottesville, VA*
- 3.34 GPA
- Relevant coursework: Econometrics, Intermediate Microeconomics, Intermediate Macroeconomics

WORK EXPERIENCE

Federal Management Partners   Sept. 2021 – Dec. 2023
Business Development Analyst   *Arlington, VA*
- Led the creation and development of a customized Power BI Data Dashboard, leveraging thousands of real-time data points from Microsoft Dynamics and custom DAX functions to effectively summarize key business metrics for executive stakeholders.
- Served as the technical lead for workforce benefits analysis, utilizing Python's Seaborn and Matplotlib libraries to efficiently visualize essential metrics derived from Qualtrics survey data.
- Actively contributed to the capture planning, content generation, and final review of over 20 impactful proposals in the human capital sector, with the collective contracts valued at over $5 million. Independently developed 5 RFIs from inception to completion.

PROJECTS

Python Stock Analyzer   *github.com/jd-58/stock-analyzer*
- Developed a Python-based stock analyzer application leveraging the Yahoo Finance API to download and process live stock data.
- Utilized Tkinter framework to implement a user-friendly GUI which integrates Matplotlib to visualize stock price history and key stock metrics.

Etch-a-sketch   *github.com/jd-58/etch-a-sketch*
- Developed an interactive Etch A Sketch application using JavaScript for functionality, HTML for structure, and CSS for styling.
- Implemented a color selector, random color option, and board clearing functionalities.

TECHNICAL SKILLS

Languages	Python, JavaScript, CSS, HTML
Technologies/Libraries	Tkinter, SQL, Git, React, Matplotlib, Seaborn