Jack Feds

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EDUCATION

The Ohio State University

Bachelors of Science, *math*

Recipient of Jim and Susy Eck scholarship

Graduation: May 2023

Baruch College

C++ for Financial Engineering Certificate

Completed: Jan 2025

EXPERIENCE

- **Advon Commerce,** Columbus, OH — Data Scientist

  August 2023 - July 2024

  –Deployed streamlit dashboards through Google cloud
  –Performed bayesian analysis with PyMC to guide publishing
  –Produced large json datasets to guide brand outreach efforts
  –Analyzed over 50,000 Amazon search terms for seasonality using time series methods and parallel computing

- **Advon Commerce,** Columbus, OH — Intern

  May 2022 - August 2022

  –Automated web scraping of HTML documents with google cloud's compute engine using docker on an UBUNTU environment
  –version control of code with GitLab

- **The Ohio State University,** Columbus, OH —Mathematics tutor

  August 2021 - December 2021

  –Tutored and supported calculus students through their semester
  –Worked with other tutors to discuss improvements

- **The Ohio State University,** Columbus, OH —CSE Lab Tutor/Grader

  January 2021 - May 2021

  –Graded students' lab assignments in microsoft excel and access
  –Tutored and mentored on topics from students' assignments

EXTRA-CURRICULAR
The Ohio State University Marching Band - Rehearsed, perfected, and performed at Ohio State football games and other public appearances as an ambassador of the university

SKILLS
Python
Microsoft Excel
SQL(BigQuery, Postgres)
Time Series
Visual Studio Code
Git
Docker
Rstudio
MatLab
C++
MPI
OpenMP
CUDA

COURSEWORK
MATH 2182H Honors Calculus
MATH 4548 Real Analysis II
MATH 4581 Abstract Algebra II
MATH 2568H Honors Linear Algebra
MATH 5101 Linear Algebra in Finite Dimension
MATH 2255 Differential Equations
MATH 4512 Partial Differential Equations
MATH 4530 Probability
STAT 3201 Intro Statistics for Data Analysis
STAT 4202 Mathematical Statistics
MATH 3607 Beginning Scientific Computing
STAT 5730 Introduction to R for Data Science
CSE 2111 Spreadsheets and Databases