

EDUCATION

Miami University

Oxford, OH

Expected graduation: May 2024

- Biology and data science double major, neuroscience co-major, bioinformatics minor, CS minor
- Honors Program
- Coursework and descriptions available on my website - <https://www.davydsadovskyy.com/#/resume>

EXPERIENCE

Resident Assistant

Miami University (Dorsey Hall, Marcum Hall)

08/10/2021 - Present

- Set standards for the corridor community, held residents accountable, and mediated conflicts
- Organized community building, personal, and career development events for residents

Sales Associate

CrossCountry Mortgage

06/10/2022 - 08/10/2022

- Took inbound leads via phone system and converted prospects to CCM customers

Consumer Price Index Trend Viewer App: <https://www.davydsadovskyy.com/#/projects/project3>

- Visualization tool that allows a user to display a graph of the CPI trends for any of the 400 government defined expense types, within any desired time interval, and with a pick for the method of calculation
- Full stack data analysis application. React frontend featuring plotly graphs. Flask backend with SAS data processing integration. Deployment with Azure container app.
- Concurrency for faster processing using Python threads

Research Paper Visualizer App

- Medium article: <https://medium.com/p/af40298adf4e>
- Helps a user understand the landscape of published research on a particular topic, and to more easily identify publications that are of interest, or that have been highly influential
- Raw data retrieved using Scholar Scholar API, and processed with Python and R
- Interactive RShiny dashboard

CERTIFICATIONS

- SAS Associate: Programming Fundamentals Using SAS 9.4

HIGHLIGHTED SKILLS

- **Data Handling & Manipulation:** Proficient in handling data using Python pandas, R, and SAS
- **Full Stack Data Analysis:** Capable of delivering comprehensive data analysis solutions, from backend data processing to frontend data presentation
- **Information Synthesis:** Resourceful and able to distill useful information using chatGPT or networking with individuals in the field