Tyler Uhl

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Park Ridge, NJ   Website: https://www.tyleruhl.com

EDUCATION

Rutgers University   **August 2021 - December 2024**
B.A. in Computer Science and Data Science, Quantitative Economics Minor   New Brunswick, NJ
Cumulative GPA 3.76/4

HONORS

- Dean's List, 6/6 semesters
- Outstanding Greek Scholar recipient

TECHNICAL SKILLS

- Programming Languages: JavaScript, HTML, CSS, Python, Java, C++, C, SQL, R, Assembly, and Scheme
- Javascript Libraries: React, Angular, jQuery, Node.js, Vue.js
- Python Libraries: Numpy, Matplotlib, Pandas, Scikit-learn, Pytorch, TensorFlow, Beautiful Soup, Pillow, OpenCV
- Applications: MS Office (Word, Excel, PowerPoint, Access), Docker
- Operating Systems: Windows, Mac, Linux, UNIX

RELATED COURSEWORK

Data Structures	Computer Architecture	Software Methodology
Systems Programming	Regression Methods	Data 101
Calculus I & II	Linear Algebra	Discrete Structures I & II
Principles of Information and Data Management		Data Management for Data Science
Design and Analysis of Computer Algorithms		Statistical Inference for Data Science

RELATED EXPERIENCE

PsychoGenics Inc.   **June 2024 - August 2024**
Data Science Intern
- Implemented Bayesian optimization with scikit-learn to increase behavior detection effectiveness by 30%
- Visualized data and created graphs in Python for weekly sprint meetings using Matplotlib
- Restructured and filtered thousands of files efficiently in Python with Pandas
- Collaborated with the team using Git and the Linux terminal to manage and upload code

PsychoGenics Inc.   **June 2023 - August 2023**
Data Science Intern
- Wrangled data with Python using regex and exported it into a .csv
- Scraped data from the web with Python and cleaned it in a .csv
- Queried and sorted data using SQL
- Analyzed rat behavior with Python and visualized data to create graphs for weekly sprint meetings
- Partnered with the data science team to develop machine learning algorithms to distinguish rat patterns

TalkOrb LLC   **June 2022 - December 2022**
Software Engineer
- Created Virtument, an online database and interface for providing therapist referrals based on individual needs
- Used Wix and Velo (Wix's version of JavaScript); created and queried databases
- Developed my knowledge of web-development tools and skills and was asked to continue in the fall and winter

WORK EXPERIENCE

Wegmans, Montvale NJ   **January 2020 - Present**
- Worked 18 hours a week as a cashier and other store responsibilities while maintaining a 4.0 GPA during my senior year in high school; currently work during school breaks; scholarship recipient

LEADERSHIP EXPERIENCE

Member of Sigma Alpha Epsilon (ΣAE)
- Warden (Executive Board), Herald (Executive Board), Social, Recruitment, Brotherhood Development, Service Chair

Executive Board of Rutgers Interfraternity Council (IFC)
- Elected as Recruitment Coordinator (Fall 2023) - Planned recruitment events for all fraternities at Rutgers.
- Elected as Vice President (2024) - Served as Secretary and Treasurer for the IFC. Kept meeting minutes, created meeting agendas, collected dues, created a budget, retrieved cash advances, filled out invoices