ADAM GLUCK

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EDUCATION

The Ohio State University　　　　　　　　　　　　　　　　　Expected Graduation: May 2024
Honors B.S. in Computer Science & Engineering, Minor in Entrepreneurship　　　　　　　*GPA: 3.87/4.0*

EXPERIENCE

Software Engineering Intern　　　　　　　　　　　　　　　　　May 2021 – August 2022
TeamDynamix　　　　　　　　　　　　　　　　　　　　　　　　　*Columbus, OH*
- *Integrated* and documented 15+ applications and platforms into TeamDynamix's Integration Platform as a Service (iPaaS) for task automation. Some examples include Tableau, Dropbox, and Facebook.
- *Debugged* issues in project code base using Visual Studio debugger and Chrome Devtools.
- *Developed* features to augment iPaaS using ASP.NET Framework using Agile methodology.
- *Accepted* return offer in August 2021 to continue working with iPaaS team as an intern.

Special Projects Coordinator　　　　　　　　　　　　　　　　January 2022 – Present
Big Data Analytical Association　　　　　　　　　　　　　　　　*Columbus, OH*
- *Planned* education and research events as a Special Projects Coordinator for Data Analytics student organization with over 150 active members.
- *Developed* visualizations and NLP models for 200,000+ congressional speeches for the in-house research program under Dr. Janet Box-Steffensmeier.
- *Led* interactive workshops on data science topics such as web-scraping and data visualization.

Owner and Manager　　　　　　　　　　　　　　　　　　　　September 2020 – May 2021
Sky High Aerial Photography LLC　　　　　　　　　　　　　　　*Dublin, OH*
- *Founded* and operated business that uses drones to provide aerial photography services to Central Ohio clients.
- *Specialized* in implementing roof inspections protocols for private homeowners.
- *Granted* FAA commercial drone license.

PROJECTS

Open Learn | Django, Tailwind CSS, SQLite, Scrapy, Pandas　　　　　　　　　　　Fall 2022
- *Developing* a website to aggregate a curated set of top learning resources
- *Utilizing* Django, SQLite, and Tailwind CSS to create accessible webapp
- *Web-scraped* thousands of official course websites from top universities using Scrapy framework

Telegram Chatbot | Azure, Telegram API, OpenCV, Github API, Numpy　　　　　Summer 2022
- *Automated* everyday tasks such as updating/monitoring git repositories using Github Repositories.
- *Built* unique bot features such as computer vision based Wordle solver
- *Deployed* webhook based chatbot on Azure App Services

Evolution Simulation | Python, Pandas, Numpy, Jupyter, Plotly　　　　　　　Spring 2021
- *Simulated* the evolution of virtual organisms through tracking changes in traits such as size, speed, and vision.
- *Designed* custom genetic algorithm from scratch using Python and presented data using a Jupyter Notebook.
- *Achieved* the highest possible rating in the Ohio Academy of Science State Science Day Fair.

TECHNICAL SKILLS

Programming Languages: Python, Java, C#, Julia, C, C++, HTML, CSS, Javascript
Data Science Tools: Pandas, Scrapy, Scikit-Learn, Keras, Numpy, Matplotlib, Plotly
Developer Tools: Googling, VS Code, Linux, Microsoft Azure, Git, Jupyter, Visual Studio, Vim, LaTeX, Markdown
Web Development: Django, ASP.NET, Tailwind, Flask, SQLite, SQL Server

ACHIEVEMENTS

- **Winner:** Best Hardware Hack of the 2021 UChicago Uncommon Hacks Hackathon
- **Honorable Mention:** Best use of Intersystem's FHIR platform at the 2021 MIT HackMIT Hackathon
- **Winner:** Honda Data Exploration Challenge & Best Presentation of the 2021 OSU Data/IO Hackathon
- **Honorable Mention:** For exceptional technical difficulty at the 2021 OSU Hack OH/IO Hackathon
- **All Academic Team:** National Wrestling Coaches Association 2021-2022