

ADAM GLUCK

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EDUCATION

The Ohio State University

Honors B.S. in Computer Science & Engineering, Minor in Entrepreneurship

Expected Graduation: May 2024

GPA: 3.87/4.0

EXPERIENCE

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.

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.

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

Caravan | SwiftUI, Flask, Heroku, Twilio API, Google Maps API, Typeform API

Fall 2022

- Completed development of a working IOS app to automate organizing carpools for events in 36 hours on a team of three for the University of Pennsylvania's PennApps 2022 hackathon
- Integrated APIs from Typeform and Twilio into app to allow data collection and SMS communication features
- Designed and implemented custom carpool assignment optimization algorithm for minimizing total miles driven for an event
- Achieved finalist status for Best IOS Hack for hackathon of 50+ teams

Open Learn | Django, Tailwind CSS, SQLite, Scrapy, Pandas

Fall 2022

- Developing a website to aggregate a curated set of top learning resources for computer science related topics
- 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

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, Flask, 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