

# ADAM GLUCK

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## EDUCATION

### The Ohio State University

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

Expected Graduation: December 2024

GPA: 3.83/4.0

## EXPERIENCE

### Software Engineering Intern (Incoming)

Amazon

May 2023 – August 2023

Denver, CO

### Project Manager

Big Data Analytical Association

January 2022 – Present

Columbus, OH

- Planned education and research events as a Special Projects Coordinator for Data Analytics student organization with over 230 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

TeamDynamix

May 2021 – August 2022

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 Telerik Fiddler, Chrome Devtools, and the Visual Studio debugger
- Developed features to augment iPaaS using ASP.NET Framework using Agile methodology.

### Owner and Manager

Sky High Aerial Photography LLC

September 2020 – May 2021

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

- Created 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.
- 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 API.
- 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 Libraries:** Pandas, Scrapy, Scikit-Learn, Keras, Numpy, Matplotlib, Plotly

**Developer Tools:** Googling, Linux, Microsoft Azure, Git, VS Code, Jupyter, Visual Studio, Vim, LaTeX, Markdown

**Web Development:** Django, Flask, ASP.NET, Tailwind, FastAPI, 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