

# 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

### 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.
- Lead 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