

# Adam Gluck

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## EDUCATION

### The Ohio State University

*Computer Science & Engineering Honors B.S.*

Expected Graduation: May 2025

GPA: 3.87/4.0

## EXPERIENCE

### Executive Board Member

*Big Data Analytical Association*

January 2022 – Present

*Columbus, OH*

- *Planned* education and research events as a Special Projects Coordinator
- *Developed* numerous web-scrapers and NLP models for congressional data as an analyst for the BDAA Research Team
- *Lead* interactive workshops on data science topics such as web-scraping and data visualization

### Software Engineering Intern

*Team Dynamix*

May 2021 – Present

*Columbus, OH*

- *Integrated* and documented various applications and platforms into Team Dynamix's Integration Platform as a Service (iPaaS) for task automation. Some examples include Tableau, Dropbox, and Facebooks
- *Debugged* issues in project code base when adding new services to iPaaS using git version control
- *Developed* software such as a file zipping connector that allowed users to zip together files created in iPaaS or from their local file system

### Owner and Manager

*Sky High Aerial Photography LLC*

September 2020 – May 2021

*Dublin, OH*

- *Created and Operated* own photography business that uses drones to provide aerial photography/videography services to Central Ohio clients
- *Specialized* in implementing roof inspections protocols for private homeowners
- *Granted* FAA commercial drone license

## PROJECTS

### Open Learn | *Passion Project*

February 2022 – Present

- *Developing* a website to aggregate a curated set of top learning resources
- *Utilizing* Django, SQLite, and Tailwind to create accessible webapp
- *Web-Scraped* thousands of official course websites from top universities using Scrapy framework

### Evolution Simulation | *Science Fair*

May 2018 – May 2020

- *Simulated* the evolution of virtual organisms through tracking changes in traits such as size, speed, and vision
- *Created* a custom genetic algorithm to mimic the simulate biological reproduction for the virtual organisms
- *Achieved* the highest possible rating in the Ohio Academy of Science State Science Day Fair

## TECHNICAL SKILLS

**Programming Languages:** Python (Advanced), Java (Advanced), C# (Advanced), C/C++ (Proficient), HTML/CSS (Proficient), Julia (Proficient), Matlab (Proficient)

**Data Science Libraries:** TensorFlow, Scikit-Learn, Keras, Numpy, Pandas, Scrapy, Matplotlib/Plotly

**Developer Tools:** Google, VS Code, Linux, Microsoft Azure, Git, Eclipse, Jupyter, Streamlit, Visual Studio, VIM

**Computer Aided Design:** Autodesk Inventor, Autodesk Fusion, Solidworks, Cura

**Communication:** MS Powerpoint, MS Word, MS Excel, Public Speaking, LaTeX, Markdown, Public Speaking

## ACHIEVEMENTS

- **Winner:** Second Best Overall Hack of the 2021 OSU HighSchool/IO Hackathon
- **Winner:** Best Hardware Hack of the 2021 UChicago Uncommon Hacks Hackathon
- **Ohio Delegate:** 2021 World Food Prize Foundation Global Youth Institute
- **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
- **Selected:** National Wrestling Coaches Association 2021-2022 All Academic Team