ADAM GLUCK

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EDUCATION

The Ohio State University   Expected Graduation: May 2025
Computer Science & Engineering Honors B.S.   *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
- *Developed* numerous web-scrapers and NLP models for congressional data for the BDAA research program
- *Lead* interactive workshops on data science topics such as web-scraping and data visualization

Software Engineering Intern   May 2021 – Present
Team Dynamix   *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   September 2020 – May 2021
Sky High Aerial Photography LLC   *Dublin, OH*
- *Created and Operated* own 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 | *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
- *Automated* 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, Java, C#, Julia, C/C++, HTML/CSS, Matlab
Data Science Libraries: Pandas, Scrapy, TensorFlow, Scikit-Learn, Keras, Numpy, Matplotlib/Plotly
Developer Tools: Google, VS Code, Linux, Microsoft Azure, Git, Eclipse, Jupyter, Streamlit, Visual Studio, Vim, LaTeX, Markdown
Computer Aided Design: Autodesk Inventor, Autodesk Fusion, Solidworks, Cura

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
- National Wrestling Coaches Association 2021-2022 All Academic Team