

ADAM GLUCK

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SUMMARY

Underclassmen at the Ohio State University with strong interests and desire to learn/enhance skills set in: computer science, engineering, and AI, with commercial applications. Experience includes: web design, machine learning, software development, and entrepreneurship/business owner. **Eager to learn and be exposed to the cutting edge of computer science, as well as become a strong contributor to an internship.**

EDUCATION

Computer Science & Engineering Honors B.S.

Expected Graduation: May 2025

The Ohio State University

GPA: 3.87/4.0

EXPERIENCE

Executive Board, Big Data Analytical Association (BDAA)

January 2022 – Present

- *Planned* education and research events as a Special Projects Coordinator
- *Developed* numerous web-scrappers 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

Intern, Team Dynamix

May 2021 – Present

- *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

Scholar, Qubit by Qubit

December 2020 – May 2021

- *Learned* about Quantum Computing and its applications through online intensive course sponsored by IBM
- *Honed* necessary math skills needed for quantum computing including linear algebra and statistics/probability
- *Implemented* quantum circuits using IBM's Qiskit platform

Owner and Manager, Sky High Aerial Photography LLC

September 2020 – May 2021

- *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

Shoulders of Giants | Hackathon Submission

April 2021

- *Developed* a website that allows students to ask questions to famous historical figures for the University of Chicago's Uncommon Hacks Hackathon
- *Utilized* Web scraping with the BeautifulSoup library to fine-tune GPT-2 models on the lectures of famous figures such as Richard Feynman
- *Trained* the GPT-2 models and helped design the website, which is currently live at <https://thegiants.tech>

Evolution Simulation | Science Fair Project

April 2021

- *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

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

- **National Honor Society:** Jan 2020 - May 2021
- **Honor Roll:** Jan 2017 - May 2021
- **Winner:** Most Original Hack of OSU HighSchool/IO Hackathon: Jan 2019
- **Winner:** Greatest Social Good Hack of OSU HighSchool/IO Hackathon: Oct 2020
- **Winner:** Second Best Overall Hack of OSU HighSchool/IO Hackathon: Jan 2021
- **Winner:** Best Hardware Hack of the UChicago Uncommon Hacks Hackathon : April 2021
- **Ohio Delegate:** World Food Prize Foundation Global Youth Institute: October 2021
- **Honorable Mention:** Best use of Intersystem's FHIR platform at the MIT HackMIT Hackathon : September 2021
- **Winner:** Honda Data Exploration Challenge & Best Presentation of OSU Data/IO Hackathon: October 2021
- **Honorable Mention:** Honorable mention for exceptional technical difficulty at Hack OH/IO Hackathon : November 2021
- **Selected:** National Wrestling Coaches Association All Academic Team : 2021-2022