

# ADAM GLUCK

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## EDUCATION

### The Ohio State University

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

August 2021 – May 2025

GPA: 3.86/4.00

## EXPERIENCE

### Software Engineering Intern

Amazon

May 2023 – August 2023

Denver, CO

- Owned implementation of product variation support into Amazon's self-service bundle creation tool.
- Designed a dynamic UI for working with variation families using React, Redux, and other internal libraries.
- Restructured backend to work with variation families using AWS Lambda, API Gateway, and CloudFormation.

### Technical Co-Founder

Vision2Health

January 2023 – September 2023

Columbus, OH

- Created a SaaS startup to increase efficiency of risk adjustment process for medical health coders.
- Achieved finalist status in the OSU President's Buckeye Accelerator of 50+ teams with prize of \$50k in funding.
- Spearheaded creation of a prototype chatbot for aiding medical coders in risk assignment using LangChain.

### Software Engineering Intern

TeamDynamix

May 2021 – August 2022

Columbus, OH

- Integrated and documented 15+ application into TeamDynamix's Integration Platform as a Service (iPaaS) for task automation including services such as Tableau, Dropbox, and Facebook.
- Developed 3+ features requested by clients to augment iPaaS platform using ASP.NET, SQL Server, and jQuery.
- Streamlined internal report system through refactor, allowing for future extendability and automated generation.

### Project Manager

Big Data Analytical Association

January 2022 – Present

Columbus, OH

- Organized education and research events for Data Analytics student organization with 230+ active members.
- Developed visualizations and NLP models for 200k+ congressional speeches under Dr. Janet Box-Steffensmeier.
- Leading new initiatives including website redesign, Amazon DeepRacer event, and project-based cohort program.

## PROJECTS

### GradeApp | React, NextJS, Convex, Clerk, Pandas

Fall 2022

- Built the first OSU website for showing professor grade distributions and SEI reviews statistics by course taught.
- Implemented search, authentication, and comment/upvote functionality using NextJS, Clerk, and Convex.
- Combined data from 3+ sources into normalized tables with professor/grade statistics for 18K+ course instances.

### Caravan | SwiftUI, Flask, Heroku, Twilio API, Google Maps API, Typeform API

Fall 2022

- Built a working IOS app to automate organizing carpools for events in 36 hours with team of three for the University of Pennsylvania's 2022 PennApps hackathon.
- Integrated Typeform and Twilio APIs into app for data collection and SMS communication features.
- Achieved finalist status for "Best IOS Hack" in hackathon out of 50+ teams.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C#, C, C++, Javascript, Typescript, x64 Assembly, HTML, CSS

**Libraries/Frameworks:** Pandas, Scrapy, Scikit-Learn, LangChain, Numpy, Matplotlib, Plotly

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

**Web Development:** Django, Flask, ASP.NET, React, Redux, FastAPI, SQLite, SQL Server

## ACHIEVEMENTS

- 1st Place:** Honda Data Challenge & Best Presentation at 2021 OSU Data/IO Hackathon (75+ participants)
- Best Hardware Hack:** 2021 UChicago Uncommon Hacks Hackathon (200+ participant)
- 6th Place Overall:** Most exceptionally technical project at 2021 OSU Hack OH/IO Hackathon (800+ participants)
- 1st Place:** Best Essay in Honda backed 99P Labs "Future of Mobility" scholarship essay contest
- Honorable Mention:** Best use of Intersystem's FHIR platform at 2021 MIT HackMIT Hackathon (850+ participants)
- 2x All Academic Team (Wrestling):** Awarded by National Wrestling Coaches Association for 2021-2022, 2022-2023