Harry Albert

(413)770-6129, HarryAlbert364@gmail.com

harryalbert.dev

Education

Williams, MA	**Williams College**	**Fall 2021 – May 2025**

- anticipated B.A. with double major in Computer Science & Philosophy

- Teaching Assistant for introductory and upper-level CS courses over five semesters

- Activities include PAC Comedy Club, Opinions Columnist for the Williams Record Newspaper, WSO (student run website for Williams College)

Employment

Software Engineer, Intern	**Bubble**	**Summer 2023**

Bubble is a no-code web development platform. I worked on the Growth Team

- Ideated and executed project to refresh new hire onboarding, used by all new hires at Bubble, and created universal set of standards for writing and maintaining documentation

- Contributed to multiple successful experiments, including improving the editor UI and user journey

- Acted as a full time engineer on the team by completing sprint tickets and contributing to AGILE ceremonies

Software Engineer, Intern	**Meta**	**Summer 2022**

Service Efficiency & Capacity Tooling Team

- Created two dynamic data visualization projects used by many engineers outside of the team

- Interviewed Meta engineers and gathered feedback in order to tailor designs to, and advocate for, their needs

- Wrote the second most lines of code of any engineer in the team during my tenure

Software Engineer	**Cadence Effects**	**July 2020 – August 2021**

Cadence Effects is a VFX company based in New Lebanon, NY.

- Took a gap year to work as a full time software engineer at Cadence

- Independently ideated and executed efficiency tools under the direction of the Head of Production

- Streamlined production pipeline by creating file management tools which integrated with existing workflows

- Automated video transferring tasks by creating tools that interacted with the company's web-based video storage platform

- Created and maintained company intranet

Programming Consultant	**Plexus Notes**	**November 2021 – February 2022**

- Plexus is a smart note taking startup founded by a Williams College alumnus

- Created Chrome extension to improve usability of Plexus

- Consulted on the rollout of Plexus to the Williams College community

Projects

- **ML Lung Cancer Prediction Tool**: Created a neural network to predict lung cancer based on several easily self-diagnosable conditions. Published a website where users can interact with this model to democratize access and allow users to play with the model. Available at https://lung-cancer-risk-assessment-tool.vercel.app/.

- **Booktrak**: Independently designed and created Booktrak for WSO (student run website for Williams College). Booktrak is a platform where Williams students can buy and sell used books, and link their book listings to specific classes in order to better facilitate used book sales. View Booktrak demo here.

- **GPT-Crossword**: Used the ChatGPT API to create an AI powered crossword solving assistant which can give you hints or answers to your toughest crossword clues. Available at https://gpt-six-mu.vercel.app/.

- **Devitas**: Created Devitas — a free, easy-to-use website builder for students applying to college, jobs, and internships. Independently implemented full-stack web application using Node.js, JavaScript, and HTML.

Research

- Williams, Aaron. "Low Viral Load: Randomized Puzzles in Dr. Mario (1990–2001)."

Languages and Technologies

- Javascript/Typescript, Python, HTML + CSS, F#, Java, C, Go, Solidity, Assembly

- React, Scikit-Learn, PyTorch, SolidJS, REST APIs, Next.js, Tailwind, GraphQL, Express.js, Firebase, MongoDB Atlas, AWS, Relay, Web3