# Harry Albert

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## Education

| **Williams, MA** | **Williams College** | **Fall 2021 – May 2025** |
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- 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** |
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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** |
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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** |
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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** |
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- 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 a demo video 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