Harry Albert

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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