

Richard Álvarez

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About Me

I am a seasoned programmer and competitive team leader with 17 unique open-source projects and two published papers on large language models. I am currently exploring VFX, computer rendering, DevOps, Cybersecurity, and Machine Learning. This year, I am a judge for the BDPA High School Competition. My recent work includes developing a full-stack web application to provide tailored GRE flashcards using Next.js and LLMs. Outside my professional pursuits, I enjoy reading, visiting local theaters, and cycling.

Education

Kenyon College <i>Bachelor of Arts in Film</i> <i>Minor in History and Concentration in Integrated Program in Humane Studies</i>	Gambier, Ohio Aug 2020 - May 2024
<ul style="list-style-type: none">• Relevant coursework: Senior Research Seminar, AI for the Humanities, Software Development, Programming Humanity, Data Structures & Program Design, Introduction to Programming• Extracurriculars: Horn Gallery Videographer, Club Basketball, KSJP	

Work Experience

Library and Information Services (LBIS), Kenyon College <i>IT Assistant</i>	Gambier, Ohio Sep 2023 - Feb 2024
I supported campus-wide technology needs by preparing workstations, moving office tech, and securely erasing and recycling equipment. I restocked printers daily. I demolished hard drives. I conducted classroom checks under the guidance of team members. I streamlined team projects by applying programming skills, in one instance by generating a spreadsheet of course meetings and classroom locations to determine when our techs could perform maintenance.	
Sommerlad Construction <i>General Contractor</i>	Chicago, Illinois Jun 2023 - Aug 2023
I participated in demolition projects for remodeling efforts, performed general land management tasks such as lawn mowing and simple assembly, and supported the team in meeting deadlines and adhering to safety standards.	
HSCHK, University of Chicago <i>Research Assistant</i>	Chicago, Illinois Aug 2018 - Nov 2019
I worked under Bernard Dickens III on an academic paper proposing strategies to protect against supply-chain attacks and ensure file integrity using advanced checksum technologies. I attended monthly code reviews and contributed 27 commits to the repository. This role taught me professionalism and collaboration in cybersecurity.	

Publications

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Skills

Languages: English (Native), Spanish (Intermediate)
Programming: Python, JavaScript/Node, SQL, PHP, C, C++, Rust
Technologies: Docker, DNNs (Deep Neural Networks), NLP (Sentiment Analysis, Topic Modeling), OpenCV, Linux
Frameworks Next.js, React, Tailwind, Scikit-Learn, Keras
Applications: Davinci Resolve, Adobe Suite, Cinema4D