Ethan Kapuya

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PROJECTS

React Streaming Web Application | 2026
JS, HTML/CSS, React.js, Firebase, Appwrite, Vite, Node, Git
Developed a full-stack web application that allows users to discover and search for movies from a huge database and get information on them, including public ratings, language, and release date.

AI Facemesh Projection Web Application | 2026
JS, HTML/CSS, React.js, Tensorflow.js, Node, Git
Developed a web application that collects live video from the user's webcam and utilizes an AI algorithm from the Tensorflow platform to project a facemesh over the user's face and present it on the screen over the live video, with some built-in filters and features for presentation of the facemesh.

The Food Lovers Networking App | 2023
Lead developer in a 5-person team developing a food-centric social media application compatible with web and mobile devices. Developed user sign-up and login, edit profile, add/remove friends, chat with friends, and upload photos

WORK EXPERIENCE

Software Engineering Internship | Bearing AI | 2024
Data Science Assignment and collaborative programming experience in a startup environment
Developed a nautical distance calculation service in Python designed to pass criteria such as accuracy and configurability, now in use in Bearing AI's maritime ML platforms, comparing distances to a pipeline of benchmark distance datasets based on customer data, and integrated to external APIs for a highly accurate and complete distance service.

Assistant Teacher | Beged Kefet Language School | 2022-2024
Paid job as teacher assistant for two years in Hebrew classes for 1st and 3rd grade students

Camp Counselor | Kidizens | 2023
Paid job as lego camp counselor for 1st to 5th grade students

STEM EDUCATION

Mathematics
AP Calculus AB (HS) – A+ – AP Score: 5
AP Statistics (HS) – A+ – AP Score: 5
Calculus II (De Anza College) – A+

Computer Science
AP Computer Science (HS) – A+ – AP Score: 5
Intermediate Python (De Anza College) – A+
Abstraction & Data Structures (De Anza College) – A+

Physics
AP Physics I (HS) – A+ – AP Score: 5
Physics: Mech. (De Anza College) – A+

GPA
Weighted: 4.1
Unweighted: 3.89

SKILLS

Languages
English – full proficiency
Hebrew – full proficiency

Programming Languages
Python, Java, JS, HTML/CSS, Typescript

Technologies and Development Tools
Git, GitHub, VSCode, JetBrains, Claude Code, OpenAI Codex, Node, MySQL, PyDantic, Jupyter Notebook, Firebase, React.js, Slack, Next.js