Kevin Yu

kevinyu567@gmail.com
(650) 709-8955

linkedin.com/in/~kevin-yu/
github.com/ky28059
kevin.fish

Skills

Languages: JavaScript, TypeScript, Python, Svelte, Vue, HTML, CSS, SCSS, Java, Kotlin, C, C#, Haskell, Elixir, Go, Rust

Frameworks: React, Vite, TailwindCSS, NextJS, NuxtJS, SvelteKit, OpenCV, NumPy, Matplotlib, ROS2, Postgres, Prisma ORM

Work Experience

Web Development Contractor, Center For AI Safety, San Francisco, CA   *Jun 2025 - present*
Developed / maintained file-rendering and evaluation features for an online AI evaluation platform.

Frontend developer, Campus Ventures LLC, West Lafayette, IN   *Jan - Oct 2024*
Developed Next.js application for student startup aggregating flight and airport shuttle data across 3+ midwest colleges.

Teaching assistant, MIT Beaver Works Summer Institute, Cambridge, MA   *Jun - Aug 2024*
Mentored students on control theory / robotics topics. Designed dynamic obstacles for final grand prix event. Co-authored end-of-course student research project.

Intern, Stanford Geballe Laboratory for Advanced Materials, Palo Alto, CA   *July - Aug 2023*
Prototyped multithreaded image-processing algorithms to detect and classify graphene flakes in 20GB+ microscope scan datasets.

Projects

b01lers CTF 2024/25   *Jan - Apr 2025*
Built and maintained frontend / backend infrastructure for Purdue's cybersecurity competition. Developed web security and reverse engineering challenges attempted by 419+ teams.

MITRE embedded CTF   *Jan 2024 - Apr 2025*
Developed automated attack / build infrastructure for embedded medical devices & satellite decoders as part of the Purdue team for eCTF 2024/2025. Awarded 3rd place in 2024, 2nd place in 2025.

WATT   *Nov 2020 - June 2023*
Schedule app with LMS integration featuring alternate schedule parsing, club sign-in, and student ID barcodes used by 1300+ students. Built using Vite + React + Firebase (auth / functions / database).

Organizations

Webmaster / President, Purdue Capture the Flag Team (b01lers)   *Aug 2023 - present*
Led the Purdue CTF team in competing in "Capture The Flag" cybersecurity competitions (ranked 7th nationally).

Education

B.S. in Computer Science Honors w/ Math Minor, Purdue University   *Aug 2023 - May 2026 (exp.)*
Concentrations: Machine Intelligence, Programming Language
GPA: 3.96