

Daniel Cui

solunian@gmail.com · solunian.dev · linkedin.com/in/solunian

Education

University of California, Santa Barbara

B.S. Computer Science 4.0 GPA

Expected Grad. 2028

Projects

[Daniel's Hacker News](#)

An aesthetic wrapper for Y Combinator's Hacker News calling a Firebase API and presenting the data in a cleaner design. Just a simple way to check out tech news.

[Unimash](#)

A website replicating FaceMash for "uni"-versities. An exercise for using an active database with MongoDB, SvelteKit's form actions, and chess rating systems for rankings.

[tinovation.org](#)

A website for members of my high school tech club to discover and learn coding. Articles on programming fundamentals were written by myself and other officers, and generated into web pages with a markdown parser.

[Calculus Visualization Animations](#)

A visual math lesson on the surface area from a rotated curve. Used Python and 3Blue1Brown's Manim library to generate the math animations.

These projects and more can be found at solunian.dev.

Leadership

Tinovation (2020-2024)

Organized and ran the largest coding club of my high school of 50+ students as president. Taught and developed vital skills needed for building real-world software.

PioneerHacks (2022-2024)

Organized and ran two PioneerHacks events (a hackathon) in two consecutive years with over 150+ participating high schoolers from the Bay Area in each competition.

Skills

Programming Languages: Python, JavaScript/TypeScript, HTML/CSS, Java, C/C++.

Frameworks & Libraries: Svelte/SvelteKit, React/Next.js, Tailwind CSS, MongoDB.