

David Zhan

davidzhan.com

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Albany, CA | Amherst, MA

Education

UMass Amherst, Honors College
BS, Computer Science (4.0 Major GPA)
Expected Graduation: May 2025

Albany High School, 2018 - 2022 (4.6 GPA)

Relevant Coursework

[CS 311](#) - Introduction to Algorithms
[CS 220](#) - Programming Methodology
[CS 230](#) - Computer Systems Principles
[CS 240](#) - Reasoning Under Uncertainty
[CS 250](#) - Introduction To Computation
[CS 187](#) - Programming w/ Data Structures
Math 235H - Linear Algebra
Calculus 3 (Berkeley City College)

Experience

Summer Intern for RadWatch at UC Berkeley's Dept. Nuclear Engineering (2020, 2021). Created scripts and web tools to process and visualize mass quantities of sensor data; integrated my tools with the overall project.

Teaching Assistant for Academic Talent Development Program classes: Web Development (2017), *Programming in Java* (2019). Analyzed student code; assisted in grading; led my own small group of students in completing classwork.

Volunteered for office work at ATDP (2017). Scanned old documents for digital archives. Helped with organizing the workspace.

References available upon request.

Skills

JavaScript/TypeScript, C, Python, Java, LaTeX, HTML/CSS, PHP, MySQL
Speaks Mandarin Fluently

Projects

Blahgenda (2022). [Winning submission](#) to HackUMass X in the category *Best Use of Appwrite*. Is a calendar and scheduler designed to maximize efficiency and glancability while remaining beautiful. Made with React.js, Appwrite, AWS, and Cloudflare. blahgenda.tech / devpost.com/software/blahgenda

My Personal Website (2017 - now). Displays current projects, my programming and photography portfolios, and my contact info. davidzhan.com

Artemis (2020). Submission to a month-long game jam. Is a 2D space shooter made in the Godot Engine using GDScript. zhandavidz.itch.io/artemis

Beat Coronavirus! (2020). Educational web game submitted to a 24-hour hackathon, made with JavaScript and jQuery. Made to teach kids to stay safe during the pandemic. devpost.com/software/beat-coronavirus

Artificial Intelligence I-Search Project Website/Portfolio (2018). Website built in 8th grade under a fictional persona to share my research on the history and future of AI. davidzhan.com/projects/isearch-ai