

Aaron C. Cheung

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Education

B.S. Computer Science | University of Texas at Dallas
Minor in Mathematics and Statistics | **Cumulative GPA: 3.5**

Anticipated Dec 2025

Civil Engineering | Texas A&M University

Sep 2020 – Dec 2022

Relevant Coursework: Software Engineering, Discrete Math for Computing, Data Analysis, Automata Theory, UNIX Programming, Artificial Intelligence

Experience

Web Designer

Plano, TX

Fall 2014 – Present

- I collaborate with a range of clients to bring their visions to life, using HTML, CSS, JavaScript, TypeScript, and React to translate conceptual ideas into clean, responsive websites.
 - I manage the full development lifecycle, from requirements gathering to deployment.
 - I inform clients about budgeting and timeline decisions, setting realistic milestones and deliverables.
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Projects

Twitter / X Artwork Automation: Using Python, Selenium, and OpenAI's APT, I created an automated Twitter/X bot to streamline the process of sharing digital art on social media and maintain engagement through retweets and reposts.

Website Design and Application: Using HTML, CSS, and JavaScript, I built everything from a personal portfolio to small business websites. My best example of this is my personal portfolio, aaroncheung.me

Relational Database System: Using MySQL, I designed and implemented a database for a fictional company, managing product manufacturing, part procurement, and workforce organization.

Bitboard Heuristic Solver: Using C++, I created a game bot for Jumpy_3, a strategy game played on a 1x16 board where the objective is to move the king from one end to the other. I utilized bitboards and bitwise operations to increase the efficiency of its iterative deepening search function.

Skills

Languages:	Python, C++, C, Java
Web Technologies:	HTML, CSS, JavaScript, React
Operating Systems:	Linux, Windows
Tools:	NetBeans, MySQL, VSCode

Extracurricular

TAMU Hackathon: I placed 2nd overall out of 120 projects submitted, creating a web application to calculate average user interaction for any given webpage and produce a heat map of cursor locations.