

Casey Dane

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EDUCATION

California State University Fullerton <i>Bachelor of Science in Computer Science</i>	Fullerton, CA <i>Jun. 2027</i>
Long Beach City College <i>Associate's of Science in Computer Science</i>	Long Beach, CA <i>Jun. 2024</i>

PROJECTS

Offline Password Manager <i>C++, GLFW, GLAD, Dear ImGui</i>	July 2024 – Present
<ul style="list-style-type: none">Developed a secure offline password manager in C++ with local CSV storage, password generation, and GUI.Integrated modern libraries (GLFW, GLAD, Dear ImGui) to deliver a polished graphical interface.Streamlined file handling for efficient, secure data management without internet connectivity.	
DSA Visualizer <i>JavaScript, SvelteKit, Tailwind CSS, ShadCn, TypeScript</i>	October 2024 – Present
<ul style="list-style-type: none">Developed an interactive educational tool for visualizing data structures and algorithms with dynamic user input and responsive UI.Leveraged SvelteKit, TailwindCSS, ShadCn, and TypeScript to create a modular, scalable, and mobile-friendly application.Automated deployment using GitHub Actions and configured Vite for fast, efficient build cycles.	

TECHNICAL SKILLS

Languages: C/C++, Python, Java, SQL (Postgres), JavaScript, TypeScript, HTML/CSS
Frameworks: React, Node.js, SvelteKit, Vite
Libraries: ShadCn, TailwindCSS, GLFW, GLAD, Dear ImGui
Developer Tools: Git, GitHub, Docker, Clang, Nix, GitHub Actions, VS Code, PyCharm, IntelliJ
Other Skills: CI/CD Automation, Static Site Deployment, UI/UX Design