Duane Cabahug

📞 805-910-0667 ✉ duanecabahug6@gmail.com 🔗 duane-cabahug.vercel.app

Education

California State University Northridge — Expected May 2027
B.S. in Computer Science (GPA: 3.56 / 4.00) — *Northridge, CA*
- **Relevant Coursework:** Data Structures/Algorithms, Computer Architecture, Discrete Structures, Advanced Data Structures, Automata Theory, Programming Languages

Experience

Department of Child Support Services — Jun 2024 – Aug 2024
System Administration Intern — *Camarillo, CA*
- Assisted in distributing and installing new technology across the department, boosting productivity and streamlining operations.
- Delivered technical support through the helpdesk ticketing system, resolving hardware and software issues to improve operational availability while extending mean time between failures.
- Deployed and managed application packages using Microsoft SCCM to automate installations and updates across 100+ office computers, ensuring consistency and reducing manual workload.
- Redesigned departmental intranet websites using ASP.NET, improving user experience, accessibility, and long-term maintainability.
- Utilized Imprivata for secure user authentication within intranet environments.

NextGen Hacks 2025 – ClubConnect — Oct 2025
Fullstack Developer — *Northridge, CA*
- Collaborated with a team of 6 at CSUN's Society of Software Engineers hackathon to build ClubConnect, a platform bridging students and clubs.
- Developed full-stack features using Next.js, Tailwind, Shadcn-UI, PostgreSQL, and Supabase.
- Integrated APIs that enabled clubs to post once and share announcements to Discord and Instagram, reducing repetitive workload for club leaders.
- Focused on solving real student needs, with research showing 40% of CSUN students build networks through clubs.
- Gained exposure to the broader software development lifecycle, learning how roles beyond coding contribute to delivering impactful products.

Projects

Memos | *Next.js, Supabase, OpenAI, Tailwind* — Oct 2025
AI-powered journaling web application
- Developed a journaling platform where users can capture daily thoughts, goals, and experiences.
- Integrated OpenAI to generate weekly reflections and summaries, offering insights into patterns of successes and challenges.
- Secured entries with Supabase authentication and Postgres storage, ensuring private and reliable record-keeping.

ChatLink | *HTML, CSS, React JS, Tailwind, Firebase* — Jun 2025 – Jul 2025
Real-time chat web application
- Built an instant messaging system powered by Firebase real-time database for low-latency communication.
- Implemented authentication and session management to safeguard user privacy in conversations.
- Enabled persistent chat history across devices with Firebase database synchronization.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, SQL, C/C++, Java
Web/Frameworks: Next.js, React.js, Tailwind CSS, Shadcn-UI, Node.js, Express.js, ASP.NET
Databases: PostgreSQL, Supabase, MySQL
Tools/Platforms: Git/GitHub, Vercel, Netlify, Firebase, Microsoft SCCM, Imprivata
Concepts: Full-Stack Development, REST APIs, Authentication/Authorization, Responsive UI Design, Data Structures & Algorithms, Software Development Lifecycle