Duane Cabahug

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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 2023 – Aug 2023

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

Weatherly | *HTML, CSS, React JS, Tailwind, One Call API, Geocoding API, Vercel* Feb 2025 – Apr 2025

- Integrated OpenWeather One Call API and Geocoding API to display real-time temperature, sunrise/sunset times, weather conditions, wind speed, and humidity.
- Built a responsive React and Tailwind frontend to present forecasts/conditions with a clean UI.
- Applied HTML and CSS fundamentals to ensure accessible structure and consistent styling across devices.

ChatLink | *HTML, CSS, React JS, Tailwind, Firebase, Netlify* Jun 2025 – Jul 2025

- Developed a real-time chat web application with Firebase.
- Implemented secure user authentication and cloud-based message storage with real-time syncing across devices.

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