Darryl James Arce Cruz

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EDUCATION

California Polytechnic State University San Luis Obispo   Expected Graduation: June 2026
Bachelor of Science in Computer Science
Relevant Coursework: Data Structures, Project-Based Object-Oriented Programming and Design, Algorithms, Database Systems, Systems Programming, Software Engineering I & II, Dynamic Web Development, Mobile App Development (Android)

SKILLS

Languages: JavaScript, Typescript, Kotlin, Python, Java, C, SQL, HTML, CSS
Frameworks/Tools: React, Node.js, Next.js, Express.js, FastAPI, MongoDB, Firebase, MySQL, Cypress, Jest, Tailwind CSS, shadcn, Git, Azure CI/CD, Vercel, Google Cloud Services

EXPERIENCE

Service Desk Student Assistant Lead, *Part-Time*   May 2023 - Present
Cal Poly Information Technology Services
- Lead day-to-day operations for 20+ student assistants; mentor peers and own training/onboarding; handle escalations
- Coordinate staffing and scheduling for Service Desk coverage: build quarterly schedules, manage shift swaps, and ensure lead coverage each hour
- Assist with hiring (screening/interviews) and drive workflow improvements by updating runbooks/knowledge base and standardizing procedures

Devscribe, Frontend Engineer Intern   June 2025 - Sept 2025
Cal Poly CIE Summer Accelerator
- Built 20+ reusable React/Markdoc UI components with shadcn/ui and Tailwind to standardize and scale the documentation platform
- Implemented a dynamic theming engine (presets + custom fonts) using CSS variables and React Context with a FastAPI backend to compile per-deployment branding into variables.css
- Created a Next.js deployment dashboard and automated push/deploy workflows in TypeScript, integrating Vercel, and Github for real-time visibility and consistent rollouts.
- Designed and shipped the marketing landing page (Next.js, Tailwind) with reusable sections, SEO/OG metadata, and cross-browser/device responsiveness
- Operated in a fast-paced pre-seed startup (Cal Poly CIE Accelerator): owned end-to-end delivery and set frontend standards (component APIs, typing, linting, structure)

PROJECTS

Service Desk Clock In — Individual Project   Summer 2025
Typescript, Next.js, React, Tailwind CSS, HTML/CSS, MongoDB, Vercel, shadcn/ui
- Built a Next.js/React kiosk UI that parses keyboard-wedge ID card swipes to clock in/out, with manual overrides and live presence tables
- Implemented TypeScript REST APIs (Express, Mongoose) with schema constraints and indexes; added a post-save hook to auto-update user status on check-ins
- Delivered an admin dashboard for CRUD, search/filter/sort, and weekly schedule management; added term analytics (attendance, punctuality, manual entries)
- Impact: Adopted by a team of 30+ student assistants; powers attendance/punctuality metrics used to track performance trends

Hamburger Calendar — Team Project   Winter/Spring 2025
JavaScript, Node.js, React, Tailwind CSS, HTML/CSS, MongoDB, Microsoft Azure, Cypress, Jest
- Full-stack scheduling app with day/week/month views; React frontend with responsive, accessible UI
- Designed RESTful backend APIs with Node.js and Express, integrating MongoDB for event persistence and user management
- Wrote unit and end-to-end tests with Jest and Cypress to ensure code reliability and maintainability