

ETHAN DAVIDSON

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Full Stack TypeScript Engineer

EXPERIENCE

Google	Kirkland, WA
<i>Software Engineering Intern</i>	May 2022 – August 2022
<ul style="list-style-type: none">Architected and shipped production features for Google Dataplex UI platform using Angular and RxJSEngineered a reactive state configuration system that reduced testing time by 40%Implemented comprehensive test coverage and CI/CD pipelines for critical UI componentsDrove technical design reviews and delivered impact presentations to senior engineers	
Google	Cambridge, MA
<i>Student Training in Engineering Program (STEP) Intern</i>	May 2021 – August 2021
<ul style="list-style-type: none">Owned full-stack development of critical Hotel Center promotions dashboard using Java and AngularOptimized BigTable access patterns and refactored legacy C++ services for 2x throughputDesigned and implemented RESTful APIs to streamline data flow between servicesSpearheaded cross-team quality initiatives and drove successful production deployment	
Association for Computing Machinery (ACM), CSU Fullerton	Fullerton, CA
<i>Open Source President</i>	Aug 2020 – May 2024
<ul style="list-style-type: none">Scaled developer community from 0 to 100+ contributors across 20 production open-source toolsLaunched technical accelerator with 10 workshops per semester, driving 15 successful project launchesEstablished engineering culture through Git workflows, code reviews, and async collaborationArchitected full-stack event platform with Next.js, serving 300+ users and multiple sponsor integrations	

PROJECTS

RoundUp for Impact (RuFi) <i>First Place Winner, HackSC 2024</i>	Nov 2024
<ul style="list-style-type: none">Built real-time market analysis with DAIN, winning 1st place among 100+ teamsShipped Next.js fintech platform using ZK crypto, Polygon API, and Anyone ProtocolCut onboarding time 60% via multilingual voice UI and streamlined OAuth flow	
Deno Blocks <i>Visual Programming Platform, Deno Subhosting Hackathon Overall Winner</i>	Jan 2024
<ul style="list-style-type: none">Pioneered no-code TypeScript deployment platform using Fresh framework and Deno SubhostingArchitected scalable user authentication and persistent storage using GitHub OAuth and Deno KVRecognized by Node.js creator Ryan Dahl for technical innovation and developer experience	

EDUCATION

California State University, Fullerton	Fullerton, CA
<i>Bachelor of Science in Computer Science</i>	May 2025

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go, C++, HTML, CSS, SQL, Java, Svelte, Angular, RxJS, React, Next.js
Infrastructure & Databases: Node.js, Deno, Docker, Amazon Web Services (AWS), Google Cloud Platform (GCP), Linux, Nix, Terraform, CI/CD, Git, PostgreSQL, MongoDB, Redis, Deno KV
Tools & Concepts: Object-Oriented Programming, Data Structures, Algorithms, Scripting, Protobuf, gRPC, OpenAPI, Zod, Drizzle ORM, Relational Databases, Graph Databases, Computer Networks, RDF