



TUCKER ALLEBORN

Software Engineering Manager / Principal Software Engineer

TuckerScottAlleborn.com | linkedin.com/in/TuckerScottAlleborn | Irvine, CA, USA

LANGUAGES

JavaScript	TypeScript
C#	SQL
HTML / CSS	Python
PowerShell	Bash / Shell

FRAMEWORKS / LIBS

Angular	.NET
ngElements	jQuery
React	React Native
Node	AngularJS
Sass	Express

OTHER SKILLS

Git	Docker
Heroku	Octopus
SQL/NoSQL	JSON
MongoDB	Cosmos DB
Redis	webpack
RxJS	Razor
WebSocket	Socket.IO
JWT	OAuth
Burp	OWASP
Jasmine	TestCafe
CI/CD	TeamCity
laC	YAML
Agile Scrum	SAFe
Jira	Azure
Twilio	SendGrid
Redux	Discord.js
npm / Yarn	macOS
Windows	Linux

AI TOOLING

Claude Code	MCP Servers
Agent Skills	Subagents
Copilot	Agent Evals
Worktrees	Hooks
Agent SDK	LLM APIs
Prompting	CLI Agents
Context Eng.	Tool Use
Multi-Agent	Guardrails

EDUCATION

Pepperdine University

Malibu, CA | Class of 2012

Ranked a Top 50 national university by U.S. News & World Report and a Top 100 Best College by Forbes.

PROFILE

Lifelong technology enthusiast, autodidact, and DreamWorks alumnus, with 13+ years of experience in designing, developing, releasing, and maintaining bleeding-edge technical projects at scale, alongside both domestic and international colleagues. Demonstrated steadfast work ethic, with a religious belief in the importance of effective communication and novel solutions. Outside of work: rocketry, biohacking, surfing, climbing, golf, and PC building.

EXPERIENCE

SOFTWARE ENGINEERING MANAGER @ ORIGENCE

2018 - PRESENT | IRVINE, CA

Origence builds loan and account origination technology for credit unions across direct, indirect, and embedded lending channels - funding \$62B across 2.2M loans in 2025, \$656B and 25M loans to date, for 1,100 credit unions and 68M+ members, and ranked the nation's #1 credit union auto lender five years running.

- **Software Engineering Manager — Loan & Account Origination Solutions (2021 - Present)** - Sole tech lead for arc DX, owning technical direction, architecture, and delivery while staying hands-on in the codebase. arc DX is a white-labeled Angular / .NET consumer loan and account origination platform, live at 126 credit unions across all 50 states and DC. It serves 369K member sessions and 20.1M API calls per month and submits 50,639 applications - a 616K annual run-rate, one every 51 seconds - at 99.997% platform availability and a 99.685% submit success rate. Submitted applications flow to the arc OS, a WPF / .NET desktop application, where they are fielded by Credit Union representatives. Day-to-day spans UAT/PROD issues, architectural/system design, sprint team management, and talent acquisition.
- **Principal Software Engineer — Mortgage Origination Solutions (2020 - 2021)** - Worked primarily on the Enterprise Sales Portal (ESP), a hybrid Angular application embedded in an MVC .NET Mortgage LOS, modernizing the loan officer origination experience with SPA oriented UI/UX and performance. The MLOS and related products were a massive effort involving over 100 developers, onshore and offshore.
- **Sr. Software Engineer — Enterprise Architecture (2019 - 2021)** - Created a proprietary class-based styling system, Shared UI Library (modals, tooltips, grids, toasts), and modular Web Components leveraging Angular Elements (bi-directional chat, JSON form builder, admin portal), plus UI and API bootstrappers. Distributable via our private npm feed or packaged to run on any JavaScript-capable app, with zero third party dependencies.
- **Software Engineer — AutoSMART (2018 - 2020)** - Consumer facing web application for retail autosshopping, aggregating inventory from tens of thousands of US auto dealerships into a white label browsing and shopping experience for hundreds of Credit Unions. Worked the legacy application while building the modern Angular SPA ground-up reimagining, with a hyperfocus on performance, resiliency, and UI/UX.

FULL STACK DEVELOPER @ ELEVEIGHT

2018 | IRVINE, CA

Eleveight is a fast-paced b2b and b2c startup matching education and employment grants with qualified candidates, built on React (web), React Native (mobile), and a primarily .NET backend with several Node.js microservices. My features covered user login / auth, registration, document upload, and a CSV parser designed to handle and map extremely large datasets.

PRODUCTION MANAGEMENT @ DREAMWORKS ANIMATION

2013 - 2018 | GLENDALE, CA

DWA has released over 40 blockbusters and holds over 100 patents across animation, rendering, and software, including OpenVDB, an Academy Award-winning open-source C++ library, and PREMO, a proprietary real-time animation suite.

- Core member of the DWA R&D team, delivering internal and commercial projects across Visual Effects, Motion Capture, Live Action-VFX Hybrid, VR, and AR - with production credits including Trolls, Croods 2, How to Train Your Dragon 3, Monkeys of Mumbai (cancelled), Bilby, To Gerard, Marooned, Trolls Holiday (Augmented Reality iOS), live-action VFX short, and The Mummy (2017).