

# Dalton Craven

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## Professional Experience

**Stealth** | AI-powered finance system of action

Paris, France

Founding Engineer

October 2025 - Present

- First technical employee at an enterprise fintech startup focusing on improving manual accounting workflows
- Making core technical decisions on AI integration, data modeling, and frontend architecture
- Building foundational product architecture using TanStack Start, Vercel AI SDK, Drizzle, shadcn and Tailwind
- Researching trust and verifiability in an AI-assisted workflow (AIUX) through design partner exchanges
- Establishing code quality practices that have supported team growth from 1 to 5 engineers in 2 months

**Qantev**

Paris, France

Lead Frontend Engineer

November 2024 - March 2025

- Led a greenfield project from architecture to implementation using TypeScript, Next.js, Zod, and Prisma
- Designed OAuth flows, roles, and permissions to ensure data security between multiple tenants
- Leveraged React Server Components to reduce complexity by replacing the API layer

Software Engineer

June 2023 - November 2024

- Built core features for a production application, integrating a React front with a Django API server
- Proactively addressed developer experience issues such as build times, leading to an 8x speed increase
- Worked in an Agile environment, delivering feature iteratively and collaborating with project/design teams

Frontend Developer | Fixed-term contract

May 2022 - August 2022

- Rewrote ~45% of the code from JavaScript to TypeScript to catch potential bugs and improve maintainability
- Simplified API calls by replacing custom utilities with TanStack Query

Software Engineering Intern

June 2021 - September 2021

- Integrated into the French work culture within a seed-round startup
- Refactored existing code to meet elevated code safety standards and executed a rigorous QA session
- Developed a full-stack module to empower sales demos

**University of South Carolina**

Columbia, SC, USA

UNIX Teaching Assistant

December 2019 - May 2020

- Instructed students on the fundamentals of Linux and UNIX, Bash scripting, and terminal commands
- Led 8 sections of lab (Monday-Thursday, 2 times per day), with a total reach of 250 students

## Skills & Certifications

**Languages (spoken):** English, French, American Sign Language (ASL)

**Tech:** TypeScript, React, Next.js, Tailwind, Python, Django, Starlette, Git, CircleCI, Docker

**Certifications:**

- **Google** – The Fundamentals of Digital Marketing Certified April 2020
- **Microsoft Office Specialist** – Word (Expert), Excel (Expert), PowerPoint, Outlook, Access Certified Fall 2018
- **Microsoft Office Specialist Master** Certified Fall 2018

## Education

**University of South Carolina**

August 2019 - May 2023

Bachelor of Science in Computer Science, Major in Computer Science

South Carolina Honors College | Cumulative GPA: 3.95 / 4.00 | President's List, Eight Semesters

McNair Scholar, University Top Scholars Program | Provost Scholar, National Merit Scholarship Program