

# Dalton Craven

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## Professional Experience

**Qantev** | AI-powered health insurance claims platform

Paris, France

Lead Frontend Engineer

November 2024 – March 2025

- Leading a greenfield project from architecture to implementation using TypeScript, Next.js, Zod, and Prisma
- Architecting OAuth flows, roles, and permissions to ensure data security between multiple tenants
- Leveraging 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
- Modernized key parts of a legacy codebase by removing obsolete modules, reducing technical debt
- 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

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

**Cloverleaf**

Covington, KY, USA

Software Development Intern

May 2020 – August 2020

- Worked as part of an agile development team to create new functionality for a production application
- Followed company procedures on feature contribution, legacy code refactoring, and documentation

**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

## 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 | President's List, Eight Semesters

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

## 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