Dalton Craven

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Professional Experience

Qantev | AI-powered health insurance claims platform   **Paris, France**
Lead Frontend Engineer   *November 2024 – Present*
- 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 customers
- Designing OAuth flows, roles, and RBAC to ensure data security in a multi-tenancy architecture
- 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
- Collaborated with product/design and data science teams to set milestones and ensure feature deliveries

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