Dalton Craven

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Education

University of South Carolina   May 2023

Bachelor of Science in Computer Science, Major in Computer Science, Minor in Psychology

South Carolina Honors College | Cumulative GPA: 4.00 | President's List, Five Semesters

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

American University of Paris   January – December 2021

Visiting Student, Two Semesters

Relevant Coursework: Computer Science, Math, Psychology, French

Skills & Certifications

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

Languages (tech): React, GraphQL, Java, HTML, CSS, JavaScript, Visual Basic .NET, C++, PHP, SQL, Python, R

Tools: Next, Git, GitHub, GitLab, Gatsby, cPanel, WHM, Flask, Django, Linux, DigitalOcean, AWS, Netlify, WordPress

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

Professional Experience

Front-end Developer   May 2022 – August 2022

Qantev   *Paris, France*

- Coordinated migration of the front-end codebase from Javascript to Typescript
- Refactored or helped refactor 55% of the application over a 3-month period
- Created legacy tasks to ensure the application would continue to migrate after my departure

Front-end Development Intern   June 2021 – September 2021

Qantev   *Paris, France*

- Worked on a full stack React & Python application in the healthcare technology industry
- Refactored existing code to meet elevated code safety standards and executed a rigorous QA session
- Developed and executed a month-long full stack final project, creating a new feature (both front- and back-end)

Software Development Intern   May 2020 – August 2020

Cloverleaf   *Covington, KY*

- Worked as part of a 4-person agile development team to create new functionality for a production application
- Followed company procedures on feature contribution, legacy code refactoring, and documentation writing

Teaching Assistant   December 2019 – May 2020

University of South Carolina College of Engineering and Computing   *Columbia, SC*

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

Supervisor, Guest Coordinator, Host, & Busser   August 2016 – June 2019

Kings Island Food & Beverage   *Mason, OH*

- Possessed in-depth knowledge of MICROS registers, cash management procedures, and general park information
- Redeemed assorted dining and drink vouchers, new season meal plans, and various special coupons
- Trained new hires and current associates for various roles in the restaurant

Software Development Intern   May 2018 – July 2018
Abre   *Cincinnati, OH*
- Worked on an open-source learning management system to create a portal for organizing student clubs
- Learned the guidelines and technologies used to organize open-source projects, including Git & GitHub

Web Design Intern   July 2017 – August 2017
Various Views Research   *Blue Ash, OH*
- Created a new, flexible WordPress website detailing aspects of the company, their mission, and their services
- Coded a custom PHP registration form to send registration data from users to an SQL database

IT Intern   November 2016 – February 2017
City of Mason, Ohio   *Mason, OH*
- Managed local government WordPress intranet: creating pages, updating information, and designing theme
- Performed various IT tasks, including answering support tickets and updating employee workstations

Leadership Experience

Executive Board Member & Webmaster   August 2019 – Present
Association for Computing Machinery at the University of South Carolina   *Columbia, SC*
- Redesigning website using React and Gatsby to follow modern web accessibility guidelines (WCAG & WebAIM)
- Creating comprehensive plans for weekly meetings, as well as larger-scale events and other special projects
- Competing in multiple competitions, including the International Collegiate Programming Contest

Student Advisory Council Member   September 2019 – Present
University of South Carolina University Libraries   *Columbia, SC*
- Facilitating communication between library administration and university students regarding wants and needs
- Brainstorming ideas on how to improve library collections, services, programs, and spaces

Peer Leader   May 2020 – December 2020
University of South Carolina National Fellowships and Scholar Programs   *Columbia, SC*
- Assisted seven first-year students in adapting to the academic, social, and personal challenges at university
- Attended meetings on university policies, mental health workshops, and other leadership-centric trainings

Webmaster & Finance Director   March 2017 – August 2019
Mason Hack Club   *Mason, OH*
- Directed special events, such as camps, hackathons, weekly meetings, and after-school classes
- Developed and maintained an informative online presence, including a React website and social media accounts
- Kept accurate cash flow sheets, ledgers, and budgets, managed in conjunction with school administration

Branding & Web Advisor   January 2019 – August 2019
Hack Cincinnati   *Cincinnati, OH*
- Advised the executive team in planning Hack Cincinnati, the Midwest's largest high school hackathon
- Assisted with branding, web development, marketing, and day-of-event execution

System Administrator & Project Manager   August 2015 – May 2019
Integrated Media Internship   *Mason, OH*
- Managed William Mason High School's web server, implementing modern security policies and access restrictions
- Built a workflow that allowed school administration to publish content directly to their respective websites
- Led team of 3 in building 6 modern websites for the school, including 3 redesigned and 3 brand new websites

Branch Computer Assistant   July 2015 – May 2019
Cincinnati & Hamilton County Public Library   *Blue Ash, OH*
- Attended weekly shift with 300 volunteer hours logged (approximately 2 hours once per week)
- Developed professional relationships with patrons to solve technological problems and answer library questions