

Harrison Holt
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Education

B.S Computer Science, Psych Minor

Clemson University, Clemson, SC Dec 2024

Relevant Experience

Web Development Intern

Clemson University, Fall 2024

- Developed and maintained webpages for Student Affairs using the Cascade CMS
- Managed in-house file server and ensured content consistency across sites
- Enhanced web functionality with scripting and tracked marketing effectiveness via analytics

Technical Support Student Assistant

Clemson University, Spring 2024

- Troubleshoot mobile and physical ID issues for students and staff on iOS and Android devices.
- Resolved access issues using access control software, supporting campus security
- Provided customer service at the front desk, managing inquiries, photo approvals, and ID distribution

Projects

- **Personal Portfolio Website:** Constructed a responsive personal portfolio using HTML, CSS, and Bootstrap, showcasing a range of development projects
- **To-Do List:** Created a task management app using vanilla JavaScript and Node.js with data storage managed via Neon DB, demonstrating backend integration
- **Event Countdown Timer:** Built a dynamic countdown timer using React, highlighting state management and component-based architecture
- **Quiz Game App:** Implemented an interactive quiz game using React, featuring dynamic UI and API integration
- **Weather App:** Programmed a weather forecasting app with React and OpenWeather API, showcasing skills in API consumption and responsive design

Web Accessibility Focus

- Dedicated to building accessible web applications that provide an inclusive user experience for all individuals, regardless of ability
- My personal experience having a disability drives a passion for ensuring web accessibility and advocating for inclusive design
- Currently studying Inclusive Design & Access Tech (HCC 4510) and Human-Computer Interaction (CPSC 4140) to deepen my understanding of accessibility standards like WCAG 2.1 and their application in web development
- Strong focus on understanding and applying the principles of universal design and inclusive technology to create websites that are usable by everyone

Technical Skills

- **Web Development:** JavaScript, Typescript, React, HTML, CSS, Bootstrap, Node.js, PHP, MySQL, PostgreSQL
- **Cloud Services:** AWS Amplify, AWS RDS, API Gateway, EC2, DynamoDB, Lambda
- **Programming Languages:** Java, C, C++, Python
- **DevOps and Tools:** Git/GitHub, Visual Studio Code, Trello, Postman, Neon DB, Vercel, PhpMyAdmin
- **Other Skills:** Technical Troubleshooting (iOS, Android), Customer Service, Event Support, Communication