**Anderson Day**

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## Experience

iOS Design Lab Swift Coach **|** | June 2018 - Present

**Michigan State University/ East Lansing, MI**

* Initiative of the Associate Provost to provide computational and critical thinking, and collaboration skills to the first cohort of students with the goal of expanding it to all students.
* Designed one of a kind learning experience at Michigan State University for other students to learn problem solving, teamwork, design, and coding in a non-traditional classroom setting.
* Lead team of students to identify a real-world problem and solve using Apple’s Challenge Based Curriculum, while instructing on iOS development using Swift.
* Educated students about the importance of accessibility and provided instruction in mobile application accessibility auditing.
* Developed iPhone application using Swift for MSU Museum to make exhibits more accessible. Created web interface using React for Museum employees to dynamically update content in iPhone application.
* Developed an application to teach other developers how to create accessible user interfaces.

Web Development and Accessibility Intern **|** May 2017 – Present

**Michigan State University College of Arts & Letters/ East Lansing, MI**

* + Performed accessibility audits and remediation for university-wide products and worked with external product vendors to ensure product accessibility.
  + Implemented card sorting and analytics to test viability on various web designs.
  + Created accessibility review protocols and a disability tip sheet to assist others in creating accessible materials for students, faculty, and other individuals.
  + Managed websites upstanding to WCAG 2.0 & 2.1 AA & AAA using custom WordPress and other CMS platforms.
  + Acted as a leader among other undergraduate team members including training and support of their projects.

Software Development Intern **|** June 2018 - August 2018

**JDM System Consultants/ Farmington Hills, MI**

* + - Worked on a development team of five, utilizing git version control.
    - Developed software to automate IoT products while dynamically generating documentation using JavaScript.
    - Automated protocol buffer generation for connected systems.
    - Managed project using Jira to collaborate with other developers on tasks.
    - Scripted and edited tutorial videos demonstrating how to build complicated message hierarchy for connected devices.
    - Integrated Java, Springboot server with custom OpenSSL certificates.

## Education

**Michigan State University**

B.A. Experience Architecture (December 2019)

## Skills

* Website development: HTML, CSS, SCSS, JavaScript, React, Node, Express, Redux
* Application development: Swift, iOS Accessibility
* Accessibility: WCAG 2.0, 2.1, Section 508, and Apple Voiceover
* Universal Design: user research, user interface design, and prototyping
* Public Speaking, leadership, communication, mentorship, critical thinking, and teaching

## Relevant Projects

* Ignite UX Michigan Presentation: “An Introduction to Web Accessibility” (2019)
* Accessible Learning Conference Presentation: “An Introduction to Web Accessibility” (2018), “The Importance of Accessibility” (2017)
* Accessible UI iOS App with Swift (2018)
* Web Developer Intern for USA Digital Media (2018)
* Experience Architecture Club Co-Founder (2017-18)
* Web Director for VIM Magazine (2017-18)