

Andrew Sandell

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Education

University of Florida – UF Honors Program

Gainesville, FL

Graduating May 2022

- Bachelor of Science, Computer Science
- Bachelor of Arts, Economics
- GPA: 3.73

Projects

StoryFaith.com | Vue, Django, JavaScript, AWS

November 2021–Present

- 1 of 2 developers working on a community-driven social media web application with over 500 concurrent users. Religious communities can release digital content, connect with users, and advertise content and events through the platform.

Axogen Data Inventory and Mapping Project | Python, Excel, VBA, Visio

January 2021–Present

- Designed and spearheaded a yearlong effort to create a comprehensive inventory and visual flow map of all sensitive data handled by company systems and collaborators.

Cli-Mate | Vue, JavaScript, HTML, Google Maps API, IBM Cloud, Jest, Docker

August 2021–Present

- Was project lead on a team of four for the IBM hackathon. Project was a website with REST API that helped users maintain achieve carbon emission neutrality.

Starport | Vue, JavaScript, HTML, Electron, JSON Server

September 2021

- Created a space-themed productivity and ambience web application as part of ShellHacks 2021. Stored user data using a local JSON server and project was deployed using Electron.

Infotech Release Notes | Vue, Jest, JavaScript, HTML, Ghost, Docker

May 2021–August 2021

- Worked with a team of three interns to create a unified release notes system for all company products using a headless CMS. This was accomplished primarily through Vue, Ghost.js, and JavaScript. I was involved in all aspects, but primarily worked with the Jest testing framework to ensure 100% code coverage.

Sentinel | HTML, JavaScript, d3.js, DataMaps.io

January 2021

- Used public datasets to create a heatmap for international issues to promote charity involvement.
- *InfoTech's "Most Innovative Use of a Public Data Set for the Public Good"* winner for SwampHacks 2021.

Work Experience and Involvement

StoryFaith | Software Developer

November 2021–Present

- 1 of 2 software developers on a community-focused social media site with over 500 concurrent users. Worked on various full-stack development tasks, including both design maintenance and new features.

Axogen | Data Privacy and Protection Intern

January 2021–Present

- Worked on data-mapping, data-inventory, and database renovation projects with the purpose of meeting standards of compliance for highly sensitive data.

UF Hackathoners | Website Master

January 2021–Present

- Helped design, maintain, and deploy the creation of the club website.

Infotech | Software Engineering Intern

May 2021–August 2021

- Utilized Vue.js, Ghost API, and a Tailwind CSS plugin to expand upon a headless CMS with the purpose of streamlining product release notes publishing with additional Jira Card functionality.

UF CLAS & Association of Computing Machinery | Student Mentor

August 2020–August 2021

- Lead weekly meetings with mentees to provide academic advising and community connections.

Additional Notes

Technical Skills | Python, JavaScript, Vue, C++, Java, MySQL, HTML, CSS, Matlab, R, Django, C#, Ruby, PHP

Relevant Coursework | Data Structures and Algorithms, Information and Database Systems 1 & 2, Introduction to Software Engineering, Operating Systems, Penetration Testing and Ethical Hacking, Competition in Healthcare Markets, Econometrics, Game Theory, Numerical Analysis