

Daniel McCann-Sayles

Software Engineer

danielmccannsayles.github.io

Summary

Soon-to-be-graduate with B.S. in Engineering seeking internship or entry-level position to improve skills in Design, Development, & Collaboration. Experienced with JS, React, Figma. Prefer CX/UI/UX roles

Education

Santa Clara University

B.S. General Engineering

Expected Graduation: May 2023

Coursework: Web Usability, Abstract Data Types, Probability, Ethics in Technology, Engineering Communications, Community Based Engr. Design, Engr. & Entrepreneurial Mindset

Leadership

Alpha Kappa Psi

Head of Fundraising Committee, Service Chair, Brother
Dec 2021 - Mar 2022

- Dispersed information from the Pledge Class President to the pledge class and delegated tasks
- Communicated with a team of 8 contemporaries as Head of the Fundraising Committee

Technical Skills

Languages: JavaScript, HTML/CSS, Dart, Python

Software/Frameworks: Figma, Angular, React, Electron, Node, D3.js, Flutter, Jupyter, NLP, Pandas, Hugging Face

Certificates: JavaScript Algorithms & Data Structures (FCC, Dec. 2021)

Work Experience

Cisco, Software Engineer Intern

Jun 2022 - Present

Three main projects:

- Formed team of interns to collaborate on existing sentiment analysis model; Improved accuracy from ~65% to ~94%. Worked with different Hugging Face models, cleaned and managed data
- Assisting CXUI-Components team by building and implementing test harnesses to obscure internal workings of Angular components. Each component is used hundreds of times in CX-Cloud
- Creating Electron application to automatically query websites such as MixPanel for CX-Cloud usage statistics, visualize that data in D3.js, and compile it into existing pdf files at user-specified locations using PDF-LIB and a custom GUI.

Freelance, Web Designer

Dec 2021 - Mar 2022

- Worked with client to prototype & design website in Figma, then code with React and Sanity.io
- Drafted fully customizable, editable (through Sanity), mobile-first responsive website design.

Projects

Passage, App Designer

Sep 2021 - Jun 2022

- Worked collaboratively with peers to deliver STEM education to kids in Latin America through PASSAGE non-profit initiative; Deliverable is a pre-loaded android app and a smart water filter
- Created Flutter app with Bluetooth data, PDF display, persistent data storage, and guided learning

Inrix Hackathon

Nov 2021

- Created a website comparing public and private transportation in metrics of cost and time
- Built entirely with React.js, worked extensively with Google's map and travel API and INRIX's travel APIs
- One of seven teams to place in the finals out of 122 participants (Project name: 'Publix')

Second Chances Hackathon

Oct 2021

- Automated and designed emails, enacted a mobile-first design leveraging CSS knowledge
- Won third place in the hackathon out of over 60 participants, as a team of one

Contact  

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