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Sisir Potluri

sisirpotluri.github.io

C/C++, Python
HTML+CSS, JavaScript
ReactNative, Node.js
Git, GitHub, Heroku

Education

University of Michigan - Ann Arbor (Expected Graduation: May 2023) **Ann Arbor, MI**

Major and Degree: Computer Science, B.S | GPA: 4.0/4.0 | September 2019 - April 2023

Key Coursework: EECS 280 | Programming and Intro Data Structures (Completed), EECS 203 | Discrete Math (Fall 2020), EECS 281 | Data Structures and Algorithms (Jan 2021 - April 2021)

Experience

UMich Program of Intergroup Relations, Researcher **October 2019 - June 2020**

- Researched how students in ALA171, a course about diversity and opportunities at the University of Michigan campus, showcase goals, improvement and learning through online portfolios
- Coded qualitative data such as social identity narration and comprehension of collaborating across differences in a holistic codebook used to interpret over 150 student portfolios with NVivo software

Projects

4Leaf iOS + Android Application: ReactNative **June 2020 - Present**

- Collaborating with other programmers to develop a responsive and aesthetically pleasing social networking application for a startup, Skywide Logic, implemented for both iOS and Android
- Creating an enriching login and sign-up system that allows users to create a 4Leaf account from the application or connect with an existing external account by leveraging the Google sign-in API

CODOBI (Personal CS Startup) Website: HTML, CSS, Node.js **July 2020 - Present**

- Developing the frontend and backend of a modern, clean, and efficient website for CODOBI, in which users will be able to create accounts, enroll in and complete projects, and write new project guides
- Learning valuable skills in web development that combine a balanced user experience with advanced implementations such as database management, elegant web pages, and searching
- Deployed a preliminary website with static information and prototype structure at www.codobi.io

Command-Line Google Job Search: C++ **June 2020**

- Trained a classifier algorithm with a CSV file containing Google job postings and evaluated log likelihoods of jobs according to user-input variables such as category, locations, and qualifications
- Programmed to intelligently return results based on validity of search criteria and relevance

Command-Line 'Mythic Cards' Card Game: C++ **May 2020**

- Designed a battle-style card game based on mythical creatures that runs in the command-line, and implemented it in C++ in under 6 hours while conducting unit tests on integral member functions
- Leveraged object-oriented programming with polymorphism, inheritance, and dynamic resources

Personal Website: HTML, CSS, JavaScript **December 2019 - June 2020**

- Built and continually improved a responsive portfolio website with dynamic elements such as shading and formatted media, deployed through GitHub pages at sisirpotluri.github.io

Leadership

William J. Branstrom Freshman Prize **March 2020**

- Recognized for earning a spot in the top 5 percent of the LSA Freshman Class of 2023 Graduates

National Merit Finalist **2019**

- Pursued rigorous test preparation, essay writing, and AP Coursework throughout High School

Presidential Volunteer Service Award (2) **2017 & 2018**

- Volunteered in various communities such as the DMC Children's Hospital, served over 300 hours