Adithya Haridas
Computer Science Student

adithyah54@gmail.com ✉

+1 (786) 241 8869 ☎

https://www.hadithya.com 🖥

EDUCATION

University of Florida, Gainesville, FL
Undergraduate Computer Science Student

Graduation *Summer 2022*

GPA *3.85 (4.00 in CISE)*

Miami-Dade College, Miami, FL
Dual-Enrollment Student

Graduation *Summer 2018*
(AA Degree w/ Honors)

GPA *3.54*

TECHNICAL SKILLS

Languages

Java, HTML, CSS, Javascript, Typescript, C, C++, C#, Antlr

Frameworks

NodeJS, Express, React, React Native, Angular, jQuery, Mongoose (MongoDB)

Tools

Git, nano, VSCode, IntelliJ, Visual Studio, Regular Expressions, SQL, MongoDB

RELEVANT COURSEWORK

AI for Computer Games   Spring 2020

Examine the use of A.I. in computer games and create own agents with path-finding and other capabilities

Operating Systems   Spring 2020

Design and implement various components of a modern operating system

Prog. Lang. Concepts   Spring 2020

Introduces programming language principles and a wide variety of programming paradigms

Algorithm Design   Fall 2019

Create and analyze algorithms using mathematical proofs

LINKS

Github

https://github.com/surc54

LinkedIn

https://www.linkedin.com/in/surc/

PROJECTS

YouTube Downloader CLI   December 2019
- Developed NodeJS CLI that is able to download & convert YouTube videos
- Utilized ffmpeg to convert audio files to the standard mp3 format

Minesweeper Game   April 2019
- Built app using SFML library for C++ to create Minesweeper game
- Formulated efficient texture loader that would utilize low memory

Image Processing   March 2019
- Developed a program that manipulates multiple binary TGA images through C++ file I/O
- Applied blending techniques such as subtraction, overlay, etc. to merge multiple images into one file

Personal Website   December 2018
- Created own NodeJS server to host website using ExpressJS Framework
- Used Angular framework to create front-end web page to host resume
- Gained experience on creating Progressive Web Apps and basic service workers

Scheduler Website   October 2018
- Developed Express back-end to serve course information directly from UF
- Designed easy-to-use UI that immediately shows class conflicts when searching
- Created a website to help students see a visual representation of their next semester's schedule

Sudoku Solver   April 2018
- Created a program in the C language that solves standard sudoku puzzles
- Gained experience creating and debugging custom algorithms

INVOLVEMENT

Participant - SwampHacks (UF Hackathon)   January 2019
- Attended multiple workshops that helped me learn more about frameworks and tools that will be useful in the future
- Gained new perspective on how teams work together by observing other groups that were attending

Math Tutor - School for Advanced Studies High School   2017 - 2018
- Helped classmates with AP Calculus AB coursework
- Assisted students with homework problems they found challenging, including topics such as Related Rates
- Co-hosted review sessions to help students study for upcoming AP Exam

Volunteer - Miami Lakes Halloween City Event   2016
- Helped create safe environment for the city of Miami Lakes where children could trick or treat without worry.
- Gained experience on collaboration with others and distribution of work to increase efficiency.

Volunteer - Memorial Hospital West   2014 - 2015
- Assisted with patient calls and redirecting their needs or concerns to the correct hospital staff.
- Provided patients with minor provisions like water and helped with small tasks assigned by the staff
- Gained experience communicating with different people and assisting superiors with their tasks.