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TECHNICAL SKILLS

Software

- C Programming, Java, HTML, CSS, ReactJS

EDUCATION

University of Central Florida BSc. Computer Science (2020)

- Concentration: Data Science and Artificial Intelligence
- Relevant Coursework: C Programming, Object-Oriented Programming, Computer Science 1, Computer Organization & Logic, Discrete Structures
- Clubs: AI@UCF

Miami-Dade College AS. Computer Science (2018)

- Concentration: Design Thinking
- Relevant Coursework: Make1, C for Engineering
- Clubs: Makers Club, Women Empowerment Club, YES! for Environmental Sustainability, Financial Literacy Club

CS50x Miami Certificate in Computer Science (2016)

- *Introduction to Computer Science through Harvard's EDX Course*
- Concentration: Computational Thinking

EXPERIENCE

Team Lead/Web Developer | **LEGO305** (*Miami-Dade College Wolfson Campus Model*) 2017 - 2018

- Designed and programmed website using Bootstrap framework
- Administered team of 15 members
- Constructed and demonstrated 9 buildings of the campus out of Legos
- Created spreadsheets and word documents detailing specifics of the project
- Coordinated and assembled visual elements shown at the Miami MakerFaire

Counselor | **Boys & Girls Club of Miami-Dade** (*After School care and Summer program*) 2015 - 2016

- Monitored children in 1st and 2nd grade
- Handled conflict between students and parents
- Tested students on literacy and mathematical skills to document results

PROJECTS

Web Developer | **TutorCloud** (*Mock tutoring service*) 2018

http://tutorcloud.us/

- Designed and programmed website using Bootstrap framework
- Interviewed locals in the Coral Gables, Kendall, and Pinecrest area to gain insight for the business model
- Collaborated in the creation of spreadsheets and documents detailing specifics of the business

COURSEWORK

2019

LonelyPartyArray

- Implemented arrays that are broken into fragments that get allocated and deallocated on an as-needed basis
- Developed algorithms that will allow the user of the program to create a more dynamic array structure
- Utilized valgrind to check for memory leaks

KindredSpirits

- Analyzed given structs and functions and devised a plan to create auxiliary functions that facilitated the manipulation of binary trees
- Designed recursive algorithms to perform operations on binary trees