

Justin Miranda

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SUMMARY:

Computer Science Senior. Very strong background in object-oriented programming. Strong background in full stack development. Background in tutoring programming and math at the collegiate level. Talented in creating my own projects to gain industry experience. Highly skilled at communication and problem solving.

SKILLS:

Programming Languages: C, C++, C#, Java 8, Python 3, JavaScript, HTML 5, SCSS, CSS, Pug

Database: MongoDB, Heroku, Adminer, PostgreSQL, MySQL

IDEs: Visual Studio Code, Visual Studio Community, Eclipse, Android Studio

Frameworks: Node JS, Express, Mongoose, Flask, SQL Alchemy ORM, Bootstrap

Webserver: Apache

Operating Systems: Windows, iOS, Ubuntu, CentOS, Android

Project Management Software: Github

EXPERIENCE:

Valencia College

02/2017 - Present

C Tutor / Math Tutor

- Sole C programming tutor on Winter Park campus assisting students in best programming practices.
- Tutoring online via Zoom which used to be face-to-face.
- Assist 1 to 7 students at a time understand arrays, basic algorithms and functions, memory, and pointers.
- Assist 1 to 10 students at a time in Developmental Math, Pre- Algebra, Intermediate Algebra, College Algebra, Calculus I, II, III, Differential Equations, Discrete Math, Statistics and College Math for Non-STEM Majors

BookR8r.herokuapp.com

06/2020 - 07/2020

Full Stack Developer

- Environment: Python, Flask, Bootstrap, PostgreSQL, Adminer, Heroku, HTML, and CSS.
- Created and designed a book rating platform that takes APIs from goodreads.com for the values of the ratings and reviews then presents them for users to assess.
- Users can register, login, logout, search books within the database, review books, and rate books.
- Implemented a python program that uploaded 5000 comma-separated books to the Heroku database.

Rocket Pilot

05/2020 - 06/2020

Game Developer

- Environment: Unity, VS Code, C#, Audacity
- Project involving a 2-D platformer rocket game that allows users to control its flight.
- Programmed the controls and level success/failure events.
- Created prefab objects for faster level creation.
- Wrote and recorded the music.

Mango Greenhouse

01/2020 - 04/2020

JavaScript Back End Development

- Environment: Node.js, JavaScript, VS Code, React, MongoDB, Express.js

- Involved in a group project developing a web and mobile application that would give users the temperature, humidity, and UV light indices for their personal greenhouse.
- Created the backend APIs in JavaScript for the web application that synched with a Particle iO board which posted information on current conditions to act as a greenhouse application.
- API development with async functions utilizing Express and MongoDB Management with Mongoose.

EDUCATION

University of Central Florida – Orlando, FL GPA 2.93 01/2018 - 05/2021
Bachelor of Science Degree in Computer Science, Minor in Secure Computing And Networks (SCAN)

Relevant Courses

- Processes of Object-Oriented Software, Cyber Security, Cryptography, Comp Sci I & II, System Software, Discrete I & II, Java & C Programming and many more.

Valencia College – Orlando, FL 08/2017
Associate of Arts Degree in Computer Science

REFERENCES

Pasha Utt

VP Java Developer Team Lead at Citi

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Lisa Keeton

Valencia College Tutor Manager

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