Brandon Torres

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EDUCATION
Florida International University   **Miami, Florida**
Bachelor of Science in Information Technology   *12/2020*
- Awards: Dean's List | Honors: Magna Cum Laude

WORK EXPERIENCE
University of Miami   **Miami, Florida**
Core Programmer (Intern)   *09/2019 – 09/2020*
- Developed augmented reality applications using C#, Unity, and Magic Leap SDK to ensure fulfillment of requested parameters that were established by the client.
- Structured a team workflow to better work in team-based development environment using Basecamp for communication, as well as passing of documentation, and Git for seamless development of projects.
- Created application, which later became the base and example for many other projects developed later on.
- Stimulated creativity within the team with various ideas as it pertained to user experience and intuitiveness within applications.

PROJECTS
DICOM Visualization
- Collaborated in a team with two other developers to be able to render 2D MRI images into 3D models that could then be rotated, annotated, and resized as needed by the client
- Innovated and delivered smooth user interface experience as it related to the projected and the interactivity between various scenes and events that would occur within the project.
- Structured coding architecture to allow for easier readability and smoother debugging during ongoing development and future versions of the project.
- Accomplished tasks on time in a Scrum Agile development cycle, utilizing JIRA to manage tasks that were assigned on bi-weekly sprints.

Decentralized Bank Application
- Researched blockchain technologies and technical stacks to build a decentralized bank application built using Solidity, Web3.js, React.js, and Truffle.
- Deployed application on the Ganache test network, connected to a Metamask wallet for the depositing and withdrawing of funds, primarily Ethereum.
- Applied knowledge used from various sources to build a token using a smart contract within the Solidity programming language, that would act as the interest a user received for staking their funds in the bank.

Azure API
- Structured web application to consume data from API, utilizing C# and ASP.NET, allowing a user to enter a server name through a simple web form and retrieve the password for the specified server.
- Fulfilled all client requirements that were requested by the user as it pertained to the web form.

Market Data Retrieval
- Built a simple web application using Python and Flask framework that consume stock market data from an API and return information on certain tickers back to the user
- Implemented backend infrastructure to allow web app to read from the JSON file and format it and display the information as needed

Gym Buddy Application
- Constructed a basic social media web application that would allow college students to make a schedule and have that student match with other students who wanted a partner to exercise within similar timeframes.
- Designed the backend functionality of the application using Java, Hibernate, and MySQL
- Integrated the backend portion of the application with the front end to ensure that all needed submission form routed to the appropriate page and that functionality within the web page was working
- Utilized HTML and CSS to make user interface for four separate pages

SKILLS & CERTIFICATIONS
Computer: Java, JavaScript, C#, Python, Flask, HTML, CSS, Atlassian JIRA, Unity, Jenkins, Visual Studios, Git, Azure, Solidity, Web3.js, React.js, Truffle
Certifications: Microsoft Certified Azure Developer