

Anthony Michael Mercado

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Software Engineer

Skills

Programming Languages:	Java, Python, HTML, CSS, JavaScript, SQL, Swift
Tools & Frameworks:	Git, React, Trello, MySQL, Node.js, npm, MongoDB
Personal Skills:	Agile, Scrum, User Centered Design, UI/UX Design

Software Projects

Altrue https://altrue.herokuapp.com/	August 2019 - March 2020
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MERN Web App, HTML, CSS, JavaScript, React, Node.js, Express.js

- Designed and implemented a donation-based web application
- Leveraged Plaid's API to replicate the use of bank accounts within application

IoT Statistics as a Service Platform	August 2019 - December 2019
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Java, Python, React, MongoDB, Express, Node

- Created a Gateway Controller for IoT device to send heartbeat and statistics from a wind turbine simulator
- Leveraged MQTT protocol for communicating Java server to a Raspberry Pi
- Used multi-threading to fulfill many requests to the Gateway at once

WeGo Transportation as a Service Cloud Platform	January 2018 - May 2019
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JavaScript, HTML, CSS, Python, MySQL

- Developed a Transportation-as-a-service web application that delivers products to the user's doorstep
- Software Engineering/System Development course leveraging agile development
- Developed login & registration pages of WeGo supply side services
- Experienced developing RESTful API's

Education

Austin, Texas	St. Edward's University	August 2016 – May 2020
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Major: Computer Science, BS (currently pursuing)

Programming Course Work: Algorithms & Data Structures, Component Based Programming, Software Engineering, Operating Systems, Mobile Programming, Computer Network

Employment

Applied Research Labs: University of Texas, Student Developer	Feb 2020 – Current
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- Assisted in the design of training simulation system for military force
- Researched potential software tools for development purposes

St. Edward's Recreation and Wellness, Supervisor	May 2018 - Feb 2020
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- Supervise and allocate stations for staff members throughout shifts