

Michael Sanchez

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Projects:

Delphi - Technologies: React, Node, SQL, Python Selenium

- Algorithmically determines recommendations for research articles based on interests and previously visited articles
- Serves a ReactJS application via NodeJS
- Stores Information in PostgreSQL and adds to database using a python web scraper via OLTP and OLAP

Errantllc.com - Technologies: ReactJS, NodeJS, Next.js, Shopify

- Built using ReactJS
- Hosted via GitHub Pages
- Version 2 is currently Private, to be hosted via Heroku

Work Experience

Play! Hoboken App Developer - July 2022 to August 2022

- Wrote frontend and backend scripts for a Social Media App using React Native and Node.js
- Designed Database Schema in PostgreSQL and Hashing algorithm in JS for User Authentication and Event Coordination

Stevens Tutor - September 2020 to Present

- Helped students learn to debug their own code
- Tutoring in the classes Intro to Computer Science, Data Structures, Algorithms, and Principles of Programming Languages

github.com/DiscardStudio

linkedin.com/in/michael-sanchez-02282001

Education

Stevens Institute of Technology - Expected

Graduation May 2023

BS, Computer Science

Relevant Courses:

- Intro to Web Programming
 - HTML, CSS, JS
- Intro to Computer Science
 - Python
- Data Structures
 - Java
- Algorithms
 - C++
- Discrete Math
 - Scheme
- Principles of Programming Languages
 - Ocaml
- Automata and Computation
 - ARMv8, LEGv8
- Database Management Systems
 - PostgreSQL
- IT Security
- Theory of Computation
- Systems Programming, Operating Systems, and Systems Security
 - C, Bash
- Concurrent Programming
 - Groovy

Professional Organizations:

NSBE Academic Excellence Chair - August 2022 to Present

- Developed programs to enhance members' academic achievements
- Oversaw Academic Excellence programs within the chapter