Michael Sanchez

msanchezmbm@gmail.com

Projects:

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

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-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, Node.JS, 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

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Relevant Courses:
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- 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:
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NSBE Academic Excellence Chair - August 2020 to Present

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