Trevor McDougald

📍 **Austin, Texas**
(willing to relocate)

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ABOUT ME

Recently graduated from Texas State University with a BSc in Computer Science in Dec 2019. Passionate about designing and developing scalable enterprise applications. Prioritize writing clean, concise, and clear code to improve maintainability and extensibility. I'm seeking to contribute at a company that emphasizes collaboration and communication.

EDUCATION

Texas State University

B.S. in **Computer Science**
Minor: Applied Mathematics
8/2017 - 12/2019 | San Marcos, TX

COURSEWORK ☐'20

- Unix System Programming
- Internet Software Development
- Theory of Automata
- Operating Systems
- Software Engineering Project
- Intro to Database Systems
- Software Engineering
- Intro to Data Mining
- Object-Oriented Design & Programming
- Data Structures & Algorithms
- Computer Architecture
- Assembly Language
- Foundations of CS II
- Foundations of CS I
- Computer Ethics
- Elements of Computer Programming

☐'17

MEMBERSHIPS

- GNU Linux Users & Enthusiast
- .EXE Computer Science Club
- Intro to Competitive Coding Club
- Association for Computing Machinery
- 5th Austin Diversity Hackathon

REFERENCES

Available upon request

EXPERIENCE

Jr Software Developer
Applied Concepts - Lake Mary, FL

February 2020 - July 2020
(Parrt Time - Contract)

- Refactored business functionalities from a legacy CRM to a buisness application SPA. The platform was created with TypeScript, **Vue.js**, **SCSS**, and Material Design with Veutif.
- Designed **REST**ful APIs that integrated between different existing systems with the **Spring Boot** framework.

PROJECTS

E-commerce Application
September 2019 - Current

EJS CSS React AJAX Node.js Express Mongoose Bcrypt Webpack Supertest Jest

Frontend: Used SCSS, Webpack, Redux, React, and Storybook to design the frontend of an E-commerce application.

Backend: Wrote an API using Node.js and Express.js. Tested it with Jest and SuperTest. Mongoose connected the API to a MongoDB database server. Used JWT and Bcrypt for more secure user authentication.

Blackjack Application
July 2019 - September 2019

Python Sphinx unittest logging pygame Travis CI

Python was used to design an application for emulating a casino Blackjack game. Implemented **logging** in an **MVP** framework to visualize the process of components. Used **Sphinx** for documentation.

Time Series Analysis & Forecasting on Stock Data
January 2019 - May 2019

Jupyter Notebook Seaborn Scikit-learn statsmodels Scipy NumPy pandas Matplotlib

Historical stock quotes were the initial datasets for a machine learning classification problem. A **Random Forest Classifier** was trained to predict days a stock's price increases.

SKILLS

Technical

Programming languages: Python, Java, C

Client Side: SASS, jQuery, Vue.js, React,.j Redux, Storybook, Material Design

Server Side: Node.js, Express, REST, Mongoose, MongoDB, MySQL

Tools: Git, Jira, AWS, SQL, NoSQL, Webpack, AWS, Postman, Travis CI, UML, Bash

Professional

Database Management, Cloud Computing, Version Control, Agile Methodologies, CI/CD, Containerization, TDD

Personal

Communication, Collaboration, Adaptability, Active Learning, Time Management, CPR, Emergency Care