

MIGUEL Z. SORTO

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EDUCATION

Texas A&M University, College Station

B.A. in Computing, Mathematics

Expected December 2020

TECHNICAL STRENGTHS

Computer Languages C++, Java, Python

Related Technologies Git, Linux, SQL

WORK EXPERIENCE

Texas A&M University, Department of Computer Science

Peer Teacher

January 2019 - May 2019

College Station, TX

- Assisted teaching data structures, algorithms, and general programming skills to around 20-25 students per lab and 5-10 students in office hours per week
- Helped students design, write, and debug their projects (4-5) throughout the semester
- Fostered an environment of learning and camaraderie in lab sections to encourage students to ask questions freely

PROJECTS

Exercise App

Desktop application written in Java

- Simple exercise app that allows users to select upper, lower, or whole body and then see a variety of workouts for their selected muscle region with detailed descriptions
- Utilized the Java Swing API to implement a GUI for the app

ORGANIZATIONS

Society of Hispanic Professional Engineers

Website Committee Member

August 2017 - May 2018

College Station, TX

- Collaborated with committee members to plan, design, and implement the organizations new website
- Exposed others to programming fundamentals through organized workshops and small-scale hackathons
- Helped students in computer science courses with their assignments and projects

Latino Logradores

Mentor

May 2018 - May 2019

College Station, TX

- Guided a group of 5 Latino/Latina freshman through their first year at Texas A&M
- Coordinated weekly meetings and events with freshman group to track their progress at A&M and identified potential areas of improvement
- Provided one on one meetings with group members to ensure academic success