Daniel Fernandez

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EDUCATION

The University of Texas at Austin, Austin, TX   May 2022
Bachelor of Science in Computer Science

Del Mar College, Corpus Christi, TX   May 2020
Associate of Science in Computer Science, GPA 4.0
- Graduated Summa Cum Laude

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Computer Architecture and Machine Language

SKILLS

Technical /Computer Skills: Proficient in C, C++, Python, Typescript. Exposed to Java, C#, php
Languages: Fluent in Spanish

EXPERIENCE

Dopple, San Francisco, CA   June 2020 – September 2020
Software Engineer Intern
- Worked with other interns to design and create new features in the staff administration tool
- Migrated sections of the front-end application to React/Next.js
- Designed and implemented a REST API for an internal goals-dashboard to increase warehouse staff productivity
- Designed and developed an intuitive React user interface for the goals-dashboard

Del Mar College, Corpus Christi, TX   October 2019 - June 2020
Student Tutor
- Tutor Mathematics (including Calculus I and II, Algebra, Trigonometry and TSI Preparation), Computer Programming (including Data Structures) and Physics (calculus-based)
- Worked on a one-to-one basis with students and hosted workshops on specific subjects
- Taught students different studying techniques to improve their learning process
- Assisted fellow tutors in non-technical subjects, such as Macroeconomics

PROJECTS

- **Discord Bot** - General purpose bot written in Python. Has built-in games and streams YouTube audio (danielfernandez.me/repos/dferndz/r2d2).
- **Sorting Algorithm Visualizer** - Application that visually shows how different sorting algorithms work, written in C++ (danielfernandez.me/repos/dferndz/Sorting-Visualizer).

CAMPUS INVOLVEMENT AND ACTIVITIES

- Association for Computer Machinery – Member   September 2020 – Present
- Information & Systems Security Society – Member   September 2020 – Present
- UT Competitive Programming – Member   September 2020 – Present
- Phi Theta Kappa Honor Society – Member   July 2019 – Present
- First Lego League Regional Classifier – Competition Volunteer   January 2020
- GMiS CASHI Hackathon – Participant   September 2019