



James McDougall Jr.

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Profile

I am a computer engineering student at UC San Diego looking to enhance my skills by doing any tech job. I am interested in low level, high performance computing and deep learning.

Experience

CSE TUTOR

UCSD CSE DEPARTMENT

JANUARY 2019-PRESENT

- Assist students in debugging code, solving problems, and guiding their learning
- Answer questions in class and coordinate with professor to proctor/grade exams

RESIDENTIAL ASSISTANT

UCSD RESIDENTIAL LIFE

SEPTEMBER 2018-PRESENT

- In committees, plan and advertise events to encourage community among residents
- Helped residents resolve disputes and plan community programs

DATA ANALYST

UCSD USE DEPARTMENT

JULY - SEPTEMBER 2018

- Using Pandas and NumPy, performed statistical analyses (t and z - tests) on data from a computer science education research project
- Developed a written report of the analyses, describing research methods and communicating results

MATH TUTOR

UCSD TEACHING AND LEARNING COMMONS

MARCH - DECEMBER. 2018

- Developed math and computer science less on plans to facilitate discussion
- Collaborated with professors to design plans and understand common confusions

SOFTWARE DEVELOPER

ALCHEMYX

OCTOBER 2017-2018

- Used Stenciljs framework to develop login, account home, and services webpages
- Used Typescript to store private user data in Firebase (no-sql database)

Education & Skills

University of California, San Diego - Computer Engineering - Expected Graduation in 2021

Python, Typescript, Java, C/C++, Flask, Terminal, Git