James Cor

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Education

University of California, San Diego   *La Jolla, CA*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE, GPA: 3.85/4.0   *Sept. 2017 - Present*

Skills

Languages   Python, Java, JavaScript, C, C++, R, ARM Assembly, Matlab
Frameworks React, AWS, Docker

Experience

UCSD CSE Department   *La Jolla, CA*
CSE TUTOR   *Sept. 2018 - Present*

- Tutor for:
    - CSE 8B: Intro to Java and Object-Oriented Design
    - CSE 30: Computer Organization and System Programming
    - CSE 100: Advanced Data Structures
- Work with a team of other tutors to create/update programming assignments
- Hold discussion sections and lab hours to assist college students through assignments
- Grade and debug ARM Assembly, C, C++, and Java code

UCSD Recreation   *La Jolla, CA*
COMPUTER ASSISTANT   *Sept. 2018 - Present*

- Diagnose and resolve general software, hardware, networking issues
- Assemble workstations
- Update software and other drivers across various devices and operating systems

Digital Media Academy   *La Jolla, CA*
TEACHING ASSISTANT AND PROGRAM SPECIALIST   *Jul. 2019 - Aug. 2019*

- Taught week-long CSE classes targeted towards high school students
- Classes include:
    - Machine Learning
    - Data Science
    - Artificial Intelligence

San Diego Supercomputer Center   *La Jolla, CA*
INSTRUCTOR   *Aug. 2019 - Aug. 2019*

- Organized and taught a week-long class where international students used a block-based programming language to build projects centered around Adafruit's Circuit Express targeted for beginners

Projects

Data Science Projects with Professor Paul Cao   *La Jolla, CA*
CSE 198 - INDEPENDENT STUDY   *Sept. 2018 - Apr. 2019*

- Aggregated open-source data sets
- Performed analysis techniques, such as clustering, regression, and PCA
- Designed machine learning and data science projects for K-12 students

Roommate Engagement Needs Tool (RENT)   *La Jolla, CA*
CSE 110 - SOFTWARE ENGINEERING   *Jan. 2019 - Apr. 2019*

- Collaborated with a team to create a mobile app for roommates to track expenses, emergency contacts, schedules, and bills
- Designed and developed front-end of application using React Native Framework
- Ensured app functionality by establishing communication between front-end and back-end