James Cor

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Education

University of California, San Diego   *La Jolla, CA*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE, MAJOR GPA: 3.95/4.0   *Sept. 2017 - Present*

Skills

Languages   Python, Java, JavaScript, C, C++, C#, R, ARM Assembly, Matlab
Technologies   AngularJS, ReactJS, jQuery, AWS, Jupyter Notebooks

Experience

Lytx   *San Diego, CA*
VIRTUAL SOFTWARE ENGINEERING INTERN   *Jun. 2020 - Aug. 2020*

- Worked as a fullstack developer resolving customer facing defects
- Migrated legacy web services from .NET framework to .NET Core+Openshift framework
- Worked collaboratively as part of the development team while practicing Agile methodologies

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

- Tutored for:
    - CSE 8B: Introduction to Computer Science
    - CSE 11: Introduction to Computer Science and Object-Oriented Programming
    - CSE 12: Basic Data Structures and Object-Oriented Design
    - CSE 30: Computer Organization and System Programming
    - CSE 100: Advanced Data Structures
- Worked in a team of tutors to develop programming assignments
- Led discussion sections and lab hours to assist college students through assignments
- Graded and debugged ARM Assembly, C, C++, and Java code

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

- Organized a week-long, project based class centered around Adafruit's Circuit Express
- Taught international students to use a block-based programming language

Projects

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

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

Song Guesser Game   *La Jolla, CA*
PERSONAL PROJECT

- An online multiplayer browser game hosted on Heroku, where users can compete on predicting the accuracy of a song's release year.
- Built using jQuery, ES6 JavaScript, NodeJS, and SocketIO.
- Features a real time chat and dataset generated from webscraping Spotify and YouTube.

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

- Collaborated in 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