



JAMES LEE

SOFTWARE DEVELOPER

OBJECTIVE

Growing up in the heart of technology, Silicon Valley, I was surrounded by very eager and passionate coders. At first coding was the least of my interests, but after taking a Java programming class in my high school senior year, coding has grown on me exponentially. This led me to apply as a Computer Science major, and I have loved every single moment since. I hope to work with any opportunity that comes my way that will help extend and grow my knowledge within the field of computers. I am a passionate person who can learn quickly and has the willingness to put in the hours to do so.

CONTACT

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🌐 [jameslee0.github.io](https://github.com/jameslee0)

San Diego, CA



EDUCATION



SAN DIEGO STATE UNIVERSITY

Expected Graduation:
May 2022



MACHINE LEARNING
Coursera Certificate

May 2020

WORK EXPERIENCE

INTERN – BEANBAG INC.

MOUNTAIN VIEW, CA

June 2017 – August 2019 (Summers Only)

- Conduct trial runs of programs and software applications to be sure they will produce the desired information and that the instructions are correct.
- Perform or direct revision, repair, or expansion of existing programs to increase operating efficiency or adapt to new requirements.
- Created widgets and new functions for the product. Coded in Python

TEACHING ASSISTANT – COMPUTER ARCHITECTURE SAN DIEGO, CA

January 2021 - Present

- Grade Circuit Labs along with Midterm and Final exams.
- Delivered lectures and office hours to classrooms of 70+ students each.
- Assisted in the development of new course material.

DATA ANALYST INTERN – CUSHMAN & WAKEFIELD CARLSBAD, CA

June 2021 – September 2021

- Worked directly under the Aric Starck team.
- Built python scripts to take in big data to analyze commercial real estate trends and create private databases.
- Create sales comps, lease comps, market overviews, and area overviews.
- Developed a private website displaying building ownerships and services offered by the Starck Team.

CONTRACTUAL DATA ANALYST – ARIC STARCK TEAM (C&W)
CARLSBAD, CA

September 2021 - Present

- Built python scripts to take in big data to analyze commercial real estate trends and create private databases.
- Create sales comps, lease comps, market overviews, and area overviews.
- Built python scripts to transfer database files from public sources and Cushman & Wakefield sources to compile into a private database.

TECHNOLOGY AND PROJECTS

- Extensive knowledge in Matlab, R, LogicWorks5, Github, and Unity.
- Created a 2D game using Unity and C#
 - The game was a top-down shooter game using public sources as assets.
 - I learned that even with public assets the difficulty came with object physics to make sure that the game would stay within the frame and not fall off the edges.
- Created a 3D game using Unity and C#
 - This game was a first person car game which asked the player rescue NPCs that spawned randomly throughout the map. The spawn was indicated through a sound, and the player would have to drive the NPC to a safe zone to save them from fire disasters in the game. The game used a point system along with a time limit to limit game-time and allow for different difficulties.
 - Through this project I learned the importance of pair programming and solving issues that arise with merge requests in Github. I learned to create branches and resolve merge requests swiftly so that important work from project partners wouldn't be lost in updates.
- Created an anti-theft machine using Machine Architecture through a software called LogicWorks5.
 - Using a unique code consisting of binary numbers, I created an anti-theft part in LogicWorks that would either unlock or lock itself depending on two big factors: Correctness in code, and the amount of tries. The part would automatically lock after a specified 16 number tries that could be reset by switching the reset button on the part.
 - I learned that through simple manipulations of circuits we can create a complex part that can have a plethora of significant uses.

SKILLS

- Python (Tensorflow, Pandas, Matplotlib, SQL)
- Java
- C/C++
- Unity
- C#
- Git
- Matlab
- R
- Javascript

REFERENCES

TAO XIE – PROFESSOR AT SAN DIEGO STATE UNIVERSITY

SAN DIEGO, CA

- Phone Number: (858)-733-0645
- Email: txie@sdsu.edu

JACQUELINE SUTTON – SENIOR MARKETING COORDINATOR (CUSHMAN & WAKEFIELD)

CARLSBAD, CA

- Phone Number: (619)-881-7979
- Email: jackie.sutton@cushwake.com

DREW DODDS – SENIOR ASSOCIATE BROKER (CUSHMAN & WAKEFIELD)

CARLSBAD, CA

- Phone Number: (720)-339-3004
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