Jack Lim

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EDUCATION

University of California, San Diego **La Jolla, CA**

Bachelor of Science in Data Science | Minor in Math | GPA:3.55 *Expected Graduation Dec 2024*

Coursework: Data Structure and Algorithms for Data Science(DS), Theoretical Foundations of DS, Practice and Application of DS, Linear Algebra, Multivariable and Vector Calculus

Awards/Honors: Provost Honors, Honors in Mathematics

TECHNICAL SKILLS

Languages: Python, Java, LaTex, JavaScript, R, Git, D3, HTML, CSS, Jekyll

Technical: PostgresSQL, Machine Learning, Sklearn, Seaborn, Recommender Systems

EXPERIENCE

Center For Community Energy (CCE) **San Diego, CA**

Data Science Intern *Feb 2023-Present*

- I created an isochrone map to visualize the distances reachable from public transportation in San Diego. This map will be presented to the county to encourage the use of e-bikes over cars.
- Collaborating with Open Doors, we are working on databases to parse and prepare large amounts of data. Our goal is to send a Mail Merge to plot owners, encouraging them to use their free land to build solar panels.

Nippon Telegraph and Technology(NTT) **Kuala Lumpur, Malaysia**

Intern/Apprentice *Jul - Aug 2022*

- Completed testing on Interactive Voice Response (IVR) that was to go live for Celcom(Phone service provider).
- Conducted training in IT automation, with shell scripting, REST API, POSTMAN, and Python.
- Shadowed supervisor as he worked on IVR Project on POSTMAN.

PROJECTS / ACTIVITIES

Dota 2 Visualization Project **La Jolla, CA**

Personal Project *Feb-Mar 2023*

- I used D3 to design and develop a set of interactive visualizations with appealing graphics and animations.

Personal Website **La Jolla, CA**

- *Personal Project* *Sep 2022 - Present*
- Using Github Pages, Jekyll, HTML, CSS and Javascript to build and Deploy a personal website - jackljk.github.io

League Of Legends Project **La Jolla, CA**

ML Project *Oct - Dec 2022*

- Using Pandas, Matplotlib, Numpy and Seaborn did data analysis on a League dataset performing Hypothesis testing, permutations testing and more to answer the question. "Do carry perform better than non-carry?"
- Then used Sklearn to predict whether a player won or lost their match based of their individual stats

Triton Gaming Officer **La Jolla, CA**

Officer *Oct 2022 - Present*

- Planning and managing the biggest gaming events and competitions on campus.
- Recruit sponsorships for events hosted by Triton Gaming.

Data Science Student Society (DS3) **La Jolla, CA**

VP External Member *Oct 2022 - Present*

- Part of the external team that does outreach to companies to sponsor and host panels at UCSD.

SKILLS & INTERESTS

Languages: English, Chinese, Malay, Hokkien

Interests: Rubix Cubes(Can solve a 3x3 in under 10 seconds), Running, Rock Climbing, Gym, Gaming