

# Jisol Park

619-772-0624 | jisolp7@gmail.com | linkedin.com/in/jisol-park/

## SUMMARY

Full-stack developer with experience in building AI-powered applications, machine learning models, and scalable data pipelines. Proficient in Python, C++, Java, JavaScript, and SQL, with hands-on experience using frameworks and technologies like TensorFlow, React, Node.js, and AWS. Led a team as VP of Tech in the Product Management Club, organizing workshops and building the club website. Skilled in delivering user-centric solutions through innovative.

## EDUCATION

### University of California, San Diego

2024

B.S. Math - Computer Science

La Jolla, CA

- **Relevant Coursework:** Operating Systems Programming, Advanced Data Structures/Architecture, Design and Analysis of Algorithms, Object-Oriented Programming

## EXPERIENCES

### Traveler

Oct. 2024 - Present

Full Stack Developer

San Diego, CA

- Developing an AI-powered travel website using **Python, TensorFlow, React, JavaScript, and Google Cloud NLP**, where users input preferences to generate tailored itineraries with real-time flight, hotel, and rental car options. Automated itinerary generation and export to Google Sheets and PDF via external APIs
- Designing and implementing a machine learning model using **AWS Comprehend and Google Cloud NLP** to process user inputs and provide personalized travel recommendations based on sentiment analysis. Integrated **Node.js and Express** for backend API handling.

### AI-Powered Personal Finance Assistant

Sept. 2024 - Present

Full Stack Developer

San Diego, CA

- Developing a full-stack web application integrating **React, Node.js, and MongoDB**, enabling users to track expenses and manage finances effectively.
- Implementing predictive machine learning models using **Python** and **TensorFlow** to provide personalized budgeting and investment insights, enhancing user financial planning.

### Financial Data Pipeline and Visualization System for Stock Market Indices

Aug. 2024 - Sept. 2024

Full Stack Developer

San Diego, CA

- Built a scalable data pipeline using **AWS** services and **Python** to automate the ingestion and processing of market indices data. Designed robust **ETL pipelines**, ensuring data quality and optimizing the efficiency of querying through advanced **SQL** techniques.
- Developed machine learning models, including Random Forest Regression, to predict stock market trends. Deployed interactive dashboards using **AWS QuickSight and Matplotlib**, providing clear visualizations of market trends and predictions for enhanced decision-making.

### Cipher

Dec. 2023 - Jan. 2024

Developer

San Diego, CA

- Built a secure encryption/decryption tool for text and binary files using **C** and **assembly language**. Optimized the tool for per-byte manipulation, enhancing security measures and processing speed.

### Zodiak

Feb. 2023 - May. 2023

Front End Developer

San Diego, CA

- Developed a responsive web app using **React**, providing personalized daily readings with dynamic UI animations.
- Collaborated in an agile environment with 6 members, participating in sprints and stand-ups, and established a **CI/CD** pipeline to automate testing and deployment.

## LEADERSHIP EXPERIENCE

### Product Management Club

Sept. 2023 - Jun. 2024

VP Tech

San Diego, CA

- Led a team of 5 members to build the club's official website using **HTML, CSS, JavaScript and React**, coordinated agile practices, and hosted workshops for 30+ club members about frontend development

### Society of Women Engineers

May 2022 - Apr. 2023

Social Chair

San Diego, CA

- Successfully organized networking events for 30+ members

## SKILLS

**Technical Skills:** C++, C, Java, Python, JavaScript, HTML, CSS, Linux/Unix, SQL, MATLAB, Go