# Jisol Park

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## SUMMARY

Software engineer with a strong foundation in data structures, algorithms, and object-oriented programming. Experienced in Java, and Python, and eager to contribute to scalable systems and user-focused solutions.

## EDUCATION

### University of California, San Diego
*B.S. Math - Computer Science* — *La Jolla, CA*

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

## EXPERIENCES

### MediPrint Ophthalmics, Inc. — Jan. 2025 - Present
*Project Management Intern* — *San Diego, CA*

- Organized and led investor meetings while creating detailed pitch decks, contributing to ongoing efforts to secure $7M in funding for a new product launch.
- Developed a **Python**-based mass personalized email script, reducing email outreach time by 70% and improving prioritization of high-value investors.
- Collaborated with R&D and consultant teams to develop presentations, resulting in increased investor engagement and advancing clinical trial discussions.

### Personalized Financial Advisor — Feb. 2025 - Present
*Full Stack Developer* — *San Diego, CA*

- Built a full-stack Personalized Financial Advisor web app using **React, Flask, and MongoDB**, enabling users to track spending, set financial goals, and receive tailored recommendations.
- Developed an **NLP-based** transaction classifier to categorize expenses and a goal-based recommendation engine using Collaborative Filtering to suggest savings and investment strategies.
- Deployed the application on **AWS**, integrated Plaid API for secure bank data imports, and implemented real-time updates with WebSockets, ensuring scalability and security through encrypted data handling.

### Customer Retention Strategy — Jan. 2025 - Feb. 2025
*Project Analyst* — *San Diego, CA*

- Applied sentiment analysis in **Python** to analyze customer feedback, identifying key pain points and providing actionable insights.
- Developed a predictive model to estimate customer churn reduction, estimated potential revenue increase of 20%.

### Financial Data Pipeline for Stock Market Indices — Sept. 2024 - Jan. 2025
*Project Lead* — *San Diego, CA*

- Designed and implemented a scalable ETL pipeline financial data pipeline using **AWS (S3, RDS, QuickSight, CloudWatch), Python, and SQL** to automate market data processing, reducing manual workload by 40%.
- Created interactive dashboards in AWS QuickSight, enabling data-driven insights for business analysts.
- Optimized SQL database schema and indexing in AWS RDS, reducing query latency by 30% for real-time analytics.

### Product Management Club — Sept. 2023 - Jun. 2024
*VP Tech* — *San Diego, CA*

- Led a team of 5 to develop the club's website, improving member engagement by 25%. Coordinated agile sprints and hosted workshops on frontend development.

### Zodiak — Feb. 2023 - May. 2023
*Lead Developer* — *San Diego, CA*

- Developed a **React** web app with CI/CD pipeline and participated in Agile sprints with 6 developers, ensuring on-time delivery.

## SKILLS

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