

# Jared De Los Santos

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## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, C#, HTML, Java, JavaScript, TypeScript, Cypher, SQL, Kotlin

**Frameworks:** ASP.NET/Core, Node.js, React, Next.js, Vue.js

**Libraries & Tools:** Git, Neo4j, NumPy, Pandas, Scikit-learn, Jupyter, TensorFlow, Keras, Docker

## PROJECTS

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### AI Coach For Video Games

*Research Project — Research Paper*

*Python, TensorFlow*

- Programmed an end-to-end AI/ML project life cycle from data ingestion & data processing to model deployment.
- Deployed, evaluated, and maintained models including Logistic Regression, Random Forests, and Neural Networks.
- Transformed our model outputs into actionable feedback for a user.

### Application Tracker Dashboard

*Website*

*TypeScript, Prisma, Next.js, Vercel*

- Developed a full-stack web application to create a user-friendly job application tracker dashboard, hosted on Vercel.
- Designed a backend system using Prisma ORM to persist and manage application data, ensuring data integrity and performance.
- Integrated authentication and user account management for secure access to the application and separate storage for each user.

### Revamped Application Tracker Dashboard

*Website Remake*

*C#, .NET Core 6, JavaScript, SSMS, Microsoft Azure*

- Rebuilt website using .NET Core with a focus on security, hosted on Azure.
- Developed a backend system using Microsoft's SQL Server Management Studio to manage application data and user accounts.
- Implemented security with OAuth or password-based account creation, password hashing, and two-factor authentication.

### Tapatan

*Game — Website — AI*

*React, JavaScript, Node.js*

- Implemented artificial intelligence algorithms for an AI in a specialized variant of Tic-tac-toe.
- Evaluated randomized and minimax algorithms to assess AI performance.
- Developed using React and Node.js, then deployed to Vercel.

### Custom Chess

*Game — Chess Remaster — Website*

*React, JavaScript, Firebase*

- Implemented a multi-page website to understand the complete website development process.
- Integrated a secure log-in screen to gain insight into the interaction between APIs, database, and code architecture.
- Created multiplayer functionality, enabling one-on-one experiences with a customized chess mode.

## EXPERIENCE

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### Co-Founder, Data Scientist

*Meru AI LLC*

December 2022 – May 2023

*Fullerton, CA*

- Analyze and eliminate data discrepancies within local data for data migration to a graph database, using Neo4j and Pandas.
- Communicate with external stakeholders to develop use cases for Neo4j queries.
- Collaborate within a team of 8 developers using AGILE practices including SCRUM, Sprints, and Kanban boards.

## EDUCATION

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**California State University, Fullerton**

*B.S. in Computer Science*

Fullerton, CA

Aug 2019 – May 2023