Jared De Los Santos

Walnut, CA 91789 | linkedin.com/in/jared-de-los-santos

EDUCATION

California State University, Fullerton | Fullerton, CA   **May 2023**

Bachelor of Science, Computer Science

Honors: *cum laude*

Relevant Coursework: Data Structures, Operating Systems, Software Engineering, Algorithm Engineering, Artificial Intelligence, Game Design, Mobile Dev Programming, Machine Learning, Open Source Software Development, Computer Security

EXPERIENCE

Meru AI LLC | Fullerton, CA   **December 2022 - May 2023**
Co-Founder, Data Scientist
- 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.

PROJECTS

AI Coach For Video Games | Research Project | Research Paper   **August 2022 - December 2022**
- 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.

Applistats Beta | TypeScript | Prisma | Next.js | Vercel   **June 2023 - August 2023**
- Developed a full-stack web application using TypeScript, Next.js, and Prisma to create a user-friendly and efficient job application storage system, hosted on Vercel for seamless accessibility and performance.
- Designed and developed a backend system using Prisma ORM to persist and manage job application data, ensuring data integrity and optimal database performance.
- Integrated authentication and user account management to ensure secure access to the application and personalized storage for each user.

Applistats Alpha | C# | .NET Core 6 | JavaScript |SSMS | Microsoft Azure   **September 2023 - October 2023**
- Revisited a previous web application and rebuilt it using Microsoft's .NET Core to create a security-conscious and efficient job application storage system, hosted on Azure Web Services.
- Designed and developed a backend system with Microsoft's SQL Server Management Studio to manage job application data and user accounts
- Built with a focus on security integrity by giving users options between oAuth authorization or a regular account creation process with password hashing, along with the ability to secure the account with two-factor authentication.

Tapatan | Artificial Intelligence | Website | React | JavaScript   **April 2023 - May 2023**
- Designed and implemented artificial intelligence algorithms for an AI in a specialized variant of Tic-tac-toe.
- Implemented and evaluated both a randomized algorithm and a minimax algorithm to assess the varying performance levels of different AI algorithms in a specialized variant of Tic-tac-toe.
- Utilized React, Node.js, and Vercel to deploy the game on a functional website.

CWNR | Chess Remaster | Website | React | Firebase   **January 2023 - May 2023**
- Designed and implemented a multi-page website to gain experience with the complete website development process.
- Developed and 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.

SKILLS

Machine Learning: TensorFlow, Keras, Scikit-learn   **Programming**: C#, Python, C/C++, HTML, JS/TS, Cypher, Java

Data Science: Pandas, NumPy, SciPy, Matplotlib, Seaborn   **Languages**: English, Japanese, Tagalog

Databases: Neo4j, MySQL   **Tools:** Git, GitHub, Jupyter, Latex, SCRUM, Sprints, Kanban