

# Kamyar Taghavi

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[LinkedIn](#) | [Github](#) | [Blog](#)

## SOFTWARE ENGINEER

Passionate about developing innovative software solutions with expertise in Python, JavaScript, and full-stack web development. Strong background in business management, enhancing team collaboration and project execution. Adept at learning and applying new technologies to solve complex problems.

## TECHNICAL SKILLS

JavaScript | React | Python | Flask | SQL | HTML | CSS

## TECHNICAL PROJECTS

### MMA Mystic - [Github](#) | [Demo](#)

*A sophisticated UFC Fight Predictor tailored for UFC bettors and fight analysts to forecast fight outcomes alongside the model's confidence in its projections.*

- Implemented a full stack web application utilizing React for the front end and SQLAlchemy for the backend, ensuring a seamless and responsive user experience.
- Established an extensive database comprising comprehensive data on all UFC fighters and their statistics, as well as detailed information on past UFC fights, employing separate web scrapers for data acquisition.
- Developed a predictive model leveraging fighter statistics and a weighted system to accurately predict fights.
- Conducted in-depth analysis of historical fight data to identify statistical metrics with the highest correlation to victory, fine-tuning the model's weights for enhanced accuracy and reliability.

### Cyber Casino - [Github](#) | [Demo](#)

*A command-line casino with three different casino game options: slots, roulette, and blackjack.*

- Implemented modular and scalable game modules utilizing Python's object-oriented programming paradigm, ensuring maintainability and extensibility of the codebase.
- Leveraged SQLAlchemy for backend data management, enabling secure user authentication and persistent storage of player details and balances.
- Utilized random number generation techniques to simulate game outcomes with authentic casino-like experiences.
- Conducted rigorous testing and debugging procedures to ensure robust functionality and optimal user experience across different gaming scenarios.

### Toon Rater - [Github](#) | [Demo](#)

*A web application facilitating the sharing and evaluation of cartoons to determine their popularity.*

- Created the static HTML structure, enabling dynamic interactions via JavaScript.
- Established a database using a db.JSON file, serving as the primary API endpoint for data operations.
- Crafted an intuitive user interface with Vanilla CSS, enhancing user experience.

## PROFESSIONAL EXPERIENCE

### EMRK Management

Property Manager

Los Angeles, CA

8/2022 - 7/2023

- Managed a portfolio of commercial properties, led lease negotiations and coordinated repairs.
- Developed systems to streamline operations, enhancing team productivity and efficiency.
- Utilized Salesforce for client, property, and lease management; created reports and dashboards to enhance decision-making and communication.

### City of Los Angeles - Aquatics Division

Administrative Clerk

Los Angeles, CA

10/2019 - 8/2022

- Managed Human Resources (1500+ employees), Permits, and Social Media departments
- Created protocols for mass hiring events and digitized hiring paperwork to streamline onboarding

## EDUCATION

### Flatiron School

Full Stack Web Development Bootcamp

Denver, CO

11/2023

California State University, Northridge,  
B.S., Business Administration / Management

Northridge, CA  
05/2016