

Harshaun Khehra

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(US Citizen)

Education

Bachelor of Science, Computer Science
California State University, Los Angeles

Expected Graduation: May 2025
GPA: 3.9

Experience

Senior Design Software Engineer Intern | Leidos QTC Health Services

August 2024 – Present

Python, Pytorch, ASP.NET Core, Angular, Azure

- Developed an AI/ML-powered Quality Management System (QMS) using **PyTorch**, **Python**, and **ASP.NET Core** to analyze survey responses, generate KPI data, and visualize trends on a dashboard, enabling data-driven improvements in service quality.

Project Committee

January 2024 – June 2024

Python, Pygame

- Responsible for working with a team to lead multiple workshops that teach club members to develop an advanced project utilizing Python and Pygame to create a 2D Platform Game
- Host office hours to work one-on-one with members to help them understand the project material, debug any errors in their project, and help them finish developing their game.

Technical Skills

Programming Languages: Java, Python, C, Swift, Javascript, TypeScript, HTML, CSS, SQL

Tools & Technologies: Agile, Github, JIRA, Machine Learning, Azure, Linux, MySQL Database, MongoDB

Frameworks & Libraries: PyTorch, TensorFlow, Spring Boot, Django, React.js, Next.js, Bootstrap, Tailwind

Projects

Full Stack Movie Rater Website

Sep 2024 – Present

Next.js, React.js, Javascript, HTML, Tailwind

- Managed a team of 5 developers** to create a dynamic application using **Next.js** and **Typescript**, allowing users to view, rate, comment, and explore movies based on genre.
- Integrated The Movie Database API to fetch movie titles, ratings, and genre-specific data for over 1 million movies to ensure real-time updates and scalability.
- Designed and developed the frontend and backend, integrated features such as movie search, updated feature categories in real-time, and interactive animations for an engaging user experience.

Full Stack Recipe Book Website

April 2024 – July 2024

Java, SpringBoot, Javascript, jQuery, HTML, CSS

- Built a full-stack web application using **Spring Boot** and **Java FreeMarker**, allowing users to manage recipes through secure login credentials.
- Created a dynamic front-end with **jQuery** for recipe management and developed **RESTful APIs** with Spring Boot for efficient **CRUD operations** and front-end interaction.

Full Stack Book Store Website

Jan 2024 – May 2024

Python, Django, HTML, CSS, Bootstrap

- Served as a scrum leader for a team of 6 developers** to create a dynamic bookstore website where users can post books, add books to their favorites, search, write reviews, rate, and engage in discussions on a message board
- Developed the backend using **Django** and designed the frontend with HTML, CSS, and Bootstrap to manage user authentication, web pages, and core features for authorized users.
- Implemented smooth user interactions and real-time updates while managing the development process, setting deadlines, and conducting weekly meetings to ensure the timely delivery of a high-quality, fully functional website.

Space Invaders Game

Feb 2024 – April 2024

Python, Pygame

- Designed and implemented a Space Invaders game using Python where a player can travel through obstacles to eliminate all of the aliens to win the game.
- Utilizing **Pygame**, sprite management, collision detection, and event handling to create a background and area for the player to traverse through.
- Create functional player, graphics, and sound effects to enhance the gaming experience.

Work Experience

7-Eleven Sales Associate

Feb 2019 - Present

- Responsible for cash transactions, handling hot food, and general store maintenance at high occupancy.