

Jacob Kerames

mail@jacobkerames.com

linkedin.com/in/jacob-kerames

github.com/JacobKerames

jacobkerames.com

SUMMARY

Dynamic Software Engineer with a Bachelor's Degree in Computer Science, achieving Summa Cum Laude. Excelled in rapidly mastering technologies such as .NET MVC and MS SQL Server, playing a pivotal role in the growth and success of AKN Realty. Demonstrated strong collaboration and leadership in driving multiple key projects to completion, reflecting adaptability and technical proficiency in fast-paced environments.

SKILLS

- .NET MVC
- React
- Python
- MS SQL Server
- Docker
- C#
- Java
- JavaScript
- Git
- HTML/Bootstrap/CSS

RELEVANT EXPERIENCE

AKN Realty, New York, New York

September 2023 – Present

Software Engineer

- Collaborated with CEO and Senior Software Engineer to outline 300+ data fields and optimal architectural design of a SQL Server database.
- Created a fully dynamic, custom listing map using .NET MVC, SQL Server, and Google Maps Javascript API.

PROJECTS

Duel, March 2023 – Present

Swift, Python

- Engineered an interactive application in Swift for Apple Watches.
- Collected data and utilized Python, Turi Create, and Pandas for cleansing and preparing it for machine learning models.
- Trained an activity classification model for gameplay motion detection.
- Leveraged the Watch and Multipeer Connectivity frameworks for short-range inter-device communication.

Portfolio Website, February 2023 – July 2023

JavaScript, HTML, Bootstrap, CSS

- Created a responsive portfolio website using HTML, Bootstrap, CSS, and JavaScript.
- Developed a JavaScript script to auto-generate on-page project details from pinned GitHub repositories.
- Incorporated WebGL for efficient execution of graphics programs on the webpage.
- Implemented a contact form with direct email functionality for improved user interaction.

Water Intake Tracker, March 2023

Java, XML, Android SDK, Jetpack

- Engineered an Android app using Java, Android SDK, and Jetpack.
- Implemented a user-friendly interface via XML, displaying daily consumption against a personalized recommendation, derived from user's weight.
- Utilized SQLite for robust data management, incorporating features for data export in CSV format.

EDUCATION

Colorado State University Global, Denver, Colorado

B.S. May 2023

Computer Science

GPA: 4.0

- **Honors:** Summa Cum Laude
- **Relevant Coursework:**
 - Software Engineering
 - Data Structures and Algorithms
 - Database Management
 - Programming I-III
 - Platform-Based Development
 - Operating Systems and Architecture