

Marina Skegro

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Education

Bachelor of Science in Computer Science, Minor in Mathematics

Charleston Southern University | Charleston, SC

Graduation Expected May

2026

- 3.8 GPA
- Dean's List: Fall 2025, Spring 2025, Fall 2024, Spring 2024, Fall 2023, Spring 2023, Fall 2022
- NCAA Division I Student Athlete | August 2022 – Present

Computer Science Projects

Gamified Habit Tracker Application | Full-Stack Developer

Senior Project | Charleston, SC

August 2025 – Present

- Engineer a cross-platform mobile application using Flutter and Dart that utilizes gamification logic (XP and rewards) to increase user retention and habit consistency to empower users to build and sustain meaningful daily habits through an engaging, game-like experience
- Integrate Firebase database for real-time data synchronization and secure user authentication, ensuring a seamless experience across devices
- Manage the full software development life cycle (SDLC) as a solo contributor, from initial UI/UX design to cloud database deployment

ClinVar Data Retrieval Web Application | Group project

Systems Analysis & Software Development | Charleston, SC

January 2025 – May 2025

- Collaborated in a team of four to develop a web application for Dr. Kevin S. Hughes (Director of Cancer Genetics at the Medical University of South Carolina) to streamline genetic data retrieval for cancer genetics studies
- Replaced manual search processes with a streamlined interface, enabling researchers to export filtered, tab-delimited datasets for large-scale analysis, accelerating research workflows and reducing the risk of human error in time-sensitive cancer genetics studies
- Served as Tester and Technical Writer, executing QA protocols to ensure data accuracy and authoring user documentation for medical staff

Custom SQL Database Management System | Backend Developer

Database Management | Charleston, SC

August 2024 – December 2024

- Engineered a custom relational database using SQL to provide a structured environment for storing and retrieving complex interrelated datasets
- Developed core logic for CRUD operations (Create, Read, Update, Delete) to ensure efficient data lifecycle management and high system reliability
- Ensured data integrity and security by establishing table relationships and primary/foreign keys to prevent data redundancy and unauthorized access

Virtual Memory Management System | Developer

Operating Systems | Charleston, SC

August 2024 – December 2025

- Developed a software-based memory manager to simulate virtual-to-physical address translation and resource mapping
- Documented system behavior and edge cases to validate correct address translation across multiple memory access scenarios

Work Experience

Cheerleading Club Zagi-Zagreb | Co-President

Zagreb | Croatia

November 2025 – Present

- Lead and manage club operations, coordinating schedules and communications for a large team of athletes
- Demonstrate executive leadership by overseeing administrative tasks and ensuring a structured environment for training and events
- Collaborate on strategic planning to improve club engagement and member retention

Languages

Croatian (native) | English (Full Professional)