Connor Savage

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EDUCATION

Loyola Marymount University | Los Angeles, CA   May 2024
Bachelor of Science, Computer Science   **GPA – 3.65**

SKILLS

Languages: Java, JavaScript, C, C#, Swift, Python, HTML, CSS/BootStrap	**Frameworks:** Google Firebase, Azure DevOps, GIS, Node	**Concepts:** Databases, Full Stack Development

PROFESSIONAL EXPERIENCE

Software Engineering Intern – Los Angeles Department of Transportation | Los Angeles, CA   Summer 2022
- Utilized Azure DevOps and C# to update and refactor back-end services
- Tested, logged, and fixed bugs for the Geographical Information System (GIS) web app "TEAMS"
- Managed merges, updates, and created a Wiki for the Engineering teams GitHub Repository
- Developed new UI for "TEAMS" by implementing BootStrap framework

Computer Science Tutor – Loyola Marymount University | Los Angeles, CA   Spring 2022
- Introductory Python & Intermediate Java surrounding Data Structures & Algorithms

PROJECTS

Interactive Web Portfolio | Front-End
- Developed a personal website using **HTML, CSS, Bootstrap,** and **JavaScript**
- Integrated **PHP** to handle automated email contact forms

Firebase Blog iOS App | Full Stack
- Developed an iOS app using **Swift UI** allowing users to create and edit blog posts reviewing makeup products
- Integrated **Google Firebase** to authenticate user account information and set security privileges

API iOS App | Full Stack
- Developed an iOS app using **Swift UI** to display data surrounding user searched movies
- Integrated multiple movie **API**s and **databases** to receive information

Algorithms & Data Structures | Back-End
- Implemented Tree Search, Edit Distance, Huffman Encoding, and Constraint Satisfaction algorithms using **Java**
- Frequently dealt with sequential lists, stacks, queues, linked lists, and hash maps

C Programs | Back-End
- Developed Network Byte Order, Integer Base Conversion, File Text Iterators, and **C** Time Function programs in **C**

Zombie Evasion Game | Front-End
- Developed a web game which spawns new waves of zombies that users must shoot and traverse through
- Implemented **JavaScript** collision boxes to recognize bullet collision with zombies

ACTIVITIES & AWARDS

Member of Sigma Chi Iota Omega Chapter	Dean's List Loyola Marymount University
Association for Computing Machinery	National Honor Society