Connor Savage

https://connorsavage.github.io | https://www.linkedin.com/in/connor-savage20/ | https://github.com/connorsavage
connorjsavage@hotmail.com | (206) 512-5177

EDUCATION

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

SKILLS

Languages: Java, JavaScript, SQL, C++, C#, C Swift, Python, HTML, CSS/BootStrap

Frameworks: Google Firebase, Azure DevOps, GIS, Node

Concepts: Databases, Cryptography, Full Stack Development

PROFESSIONAL EXPERIENCE

Software Engineering Intern – Los Angeles Department of Transportation | Los Angeles, CA — Apr 2022 - Present
- 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

Cybersecurity | Full Stack
- Built a **Python** Key Logger that records and stores time, key, process, window, username, and IP address in Excel
- Developed a Caesar Cypher Program in **Python** to encrypt and decrypt data in a cyclical manner
- Developed a packet sniffing program in **Java** that decodes and analyzes data flows across system networks
- Tested and implemented multiple types of **SQL** injections

Algorithms & Data Structures | Back-End
- Implemented Search, Sorting, Data Compression, Graphing, and Machine Learning algorithms using **Java**
- Developed programs for Edit Distance, Huffman Encoding, and Constraint Satisfaction using **Java**

Interactive Web Portfolio | Front-End
- Developed an interactive portfolio website using **HTML, CSS, Bootstrap,** and **JavaScript** for potential employers
- Integrated **PHP** to handle automated email contact forms for potential free lance clients

Firebase Blog iOS App | Full Stack
- Developed an iOS app utilizing **Swift UI** enabling users to craft and modify reviews of 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

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

ACTIVITIES & AWARDS

Member of Sigma Chi Iota Omega Chapter   Dean's List Loyola Marymount University

Association for Computing Machinery   National Honor Society