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EDUCATION

University of Southern California, Los Angeles, CA   August 2016 - December 2020

B.S in Biochemistry, Minor in Computer Science

Relevant Coursework: Data Structures & Object Oriented Design, Principles of Software Development, Introduction to Internetworking, Introduction to Data Analytics, Introduction to Computer & Network Security

SKILLS

Languages: HTML/CSS, JavaScript, C++, SQL

Libraries/Frameworks: Bootstrap, React, Redux, ChakraUI

Developer Tools: Git/Github, Linux, Wireshark, Hashcat, Chrome Dev Tools, Google Cloud Platform

PROJECTS

- **BluTube** | *JSX, CSS, React, YouTube API v3*
  - Implemented the UI for a Youtube clone using custom made React components.
  - Allowed for search functionality using Youtube's v3 data API.

- **Capture The Flag** | *HTML, CSS, Java, Linux, SQL, AWS, Hashcat*
  - Participated in a competition to crack user passwords from other teams' websites.
  - Developed a simple website with login, password, and password reset pages to store password hashes, analyze the efficacy and examine trade-offs of different password policies.
  - Employed a dictionary attack to crack the other teams' password hashes and ultimately ascertain the strength and memorability of their password policy.

- **Pokemon Memory Game** | *JSX, CSS, React, React Router v6, PokeAPI*
  - Programmed a memory card game where the user is tasked with matching pairs of Pokemon cards before the time limit expires.
  - Implemented three levels of difficulty alongside background music that the user can toggle on or off.

- **Pixel Paint** | *HTML, CSS, Javascript*
  - Developed a website that allows users to create pixel sketches or drawings on a grid canvas.
  - Included a color picker, eraser, clear button and an option to change the size of the drawing grid.

- **Film Finder** | *HTML, CSS, Bootstrap, Java, Javascript, SQL, Google Cloud Platform*
  - Designed and created a multi-page website intended to serve as a collaboration tool for like-minded filmmakers, actors, video editors and scriptwriters to network and develop projects.