San Antonio, TX
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ERIC LOVE

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EDUCATION

Texas A&M University   Aug 2020 - May 2024
- **Major:** Computing, BA; concentration in Web Development and Human-Computer Interaction
- **Courses:** Discrete Structures for Computing, Data Structures & Algorithms, Programming Languages, Computer Organization, Accessible Computing, Robotics & Spatial Intelligence, Wireless & Mobile Systems, Ethics & Engineering

WORK EXPERIENCE

STEP Intern, YouTube   **Google, Inc**   May 2022 - Aug 2022
- Modified YouTube BrandConnect shelves API for more comprehensive usage and built several Polymer components to remove need for manual data entry into Related and Call-to-Action shelves
- Upgraded BrandConnect Streaming shelf pipeline, including client UI and serving path, to support multiple medias
- Completed internship project quickly and took on additional tasks to help the team prepare for product launch
- Leveraged Knowledge in Polymer, Boq node, C++, TypeScript, HTML, CSS

Co-Founder, Programmer   **Kepler Enterprises, LLC**   Apr 2020 - June 2020
- Lead a team of programmers to create a low-cost ventilator with high-end features
- Applied knowledge of C++, Git, and electrical components to create a life-saving technology
- Presented project to high ranking military officers, technology company CEOs, and medical professionals
- Leveraged Knowledge in Git, C++ using Arduino, Wiring framework, and basic robotics

Information Technology Intern   **Model UN San Antonio**   Apr 2019 - Apr 2020
- Designed the website, isamunsa.org, for the largest student-run Model UN conference in the western hemisphere
- Created and published an app to help attendees navigate the conference, titled "MUNSA" in the Apple App store
- Applied knowledge of Google Apps Scripts to emailing and data handling automation
- Leveraged Knowledge in Process Automation, Google Apps Scripts, Swift, HTML, CSS, JavaScript

Coding Instructor   **Code Ninjas**   Apr 2018 - Nov 2018
- Taught children ages 7 to 14 how to code using JavaScript, C#, HTML, and CSS
- Tested and helped to create curriculum for daily operations and summer camps
- Leveraged Knowledge in JavaScript, C#, HTML, CSS, communications, and teaching

SOFTWARE PROJECTS

Valorant Bot (github.com/ericlove02/Valorant-Bot)   October 2021
- Created a GUI bot to play the first-person shooter video game, Valorant
- Developed software to identify and target bots in Python using PyTorch, OpenCV, and PyAutoGui
- Utilized: Python, OpenCV, PyTorch, Computer Vision, Multithreading, PyAutoGui

Tonality Website (gotonality.com)   Dec 2020 - Mar 2021
- Developed a social website using core PHP, HTML, JavaScript, and CSS that allows users to find and share music
- Optimized a backend containing hundreds of thousands of rows of data to effectively store and retrieve information
- Incorporated JavaScript Ajax to create a dynamic and infinite feed
- Utilized: PHP, HTML, JavaScript, mySQL, CSS, jQuery Ajax

MUNSA App (github.com/ericlove02/MUNSA-App)   Aug 2019 - Oct 2019
- Developed an interactive iOS app that allowed users to access conference information and directions on campus
- Learned and developed with Xcode and Swift on an app that received over one thousand downloads
- Utilized: Swift, Xcode, and Testflight

SKILLS

Languages (*proficient*): C++, TypeScript, HTML, CSS, PHP, SQL, Python, JavaScript, Google Apps Script, C#
           (*familiar*): Java, Go, Swift, Haskell

Tools: Git, Github, React Native, Fusion360, OpenCV, PyTorch, Process Automation, Project Management