

Joseph S Camyre

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EDUCATION

Samueli School of Engineering — The University of California, Los Angeles

Los Angeles, CA

Bachelor of Science in Computer Science

Sep 2021 – Jun 2025

- *Intended Concentrations:* Software Engineering, Full Stack Development, Machine Learning

Mira Loma High School

Sacramento, CA

Unweighted GPA: 3.98/4.00, SAT: 1520/1600

Sep 2017 – Jun 2021

- *Activities:* Jazz Band (Section Leader), Parliamentary Debate (Co-Captain), Chinese Honor Society (Tutor)

PROJECTS

Stock Trading Information Web Application

Mar 2021 – Present

Programmer

- Utilized Django, React JS, RESTful API, HTML/CSS, PostgreSQL, and Axios to develop web application
- Used own API to data mine over 7 thousand stocks and store them in an efficient manner in database
- Applied web design techniques to produce an aesthetically pleasing and accessible website, as well as improve SEO
- Made REST api calls to communicate with database and access information calculated by backend server

Video Game Stats Analysis Web Application

Aug 2021 – Present

Project Leader

- Lead team to develop a web application to display and analyze trends in video games with over 17,000 unique matches to help gamers develop optimal strategies to take their skills to the next level
- Utilized Django, React JS, RESTful API, PostgreSQL, Riot Games API to develop the application
- Assigned roles and tasks, created timeline for project, utilized kanban to organize workflow
- Web design with a focus on a sleek modern design
- Utilized advanced git commands to ensure app remained functional

LEADERSHIP AND ACTIVITIES

Science Olympiad

Carmichael, CA

Captain (Thermodynamics, Circuit Lab, Sounds of Music)

Aug 2018 – Mar 2020

- Scheduled and led over 25 practice sessions with team members
- Wrote practice tests focused in the fields of thermodynamics, circuits, sound waves and music theory
- Won awards at varying levels of competition on a nationally ranked team of 15 students

Jazz Band

Carmichael, CA

Principal Trombonist

Aug 2017 – Mar 2020

- Led and advised the trombone section by setting up over 20 section-only practices
- Taught section how to play certain melodies and gave musical advice, as well as assigned parts for each piece
- Performed solos on pieces such as “Merry Little Christmas” and “American Patrol” at over 15 festivals and concerts with hundreds in attendance

Sacramento Public Library - Sylvan Oaks

Citrus Heights, CA

Program Coordinator, Teen counsel member

Nov 2015 – Dec 2019

- Helped supervise and run over 25 events and activities, interacting with parents and children
- Set up over 10 charity book sales benefitting various non-profit organizations
- Advised decisions relating to community events, such as clothing drives and book sales, as well as programs to encourage teens to read more

ADDITIONAL

- **Languages and Skills:** Python, Django, React JS, Javascript, HTML/CSS; C++, SQL (proficient); Mandarin Chinese (conversational proficiency)
- **Interests:** playing guitar, working out, trading stocks, speed typing, tennis, UI/UX design, cars, computers, machine learning