

Thomas Joel

(858)-254-5059 soumajoel@hotmail.com

Education

University of California, San Diego

June 2024

B.S. in Computer Science

GPA: 3.661

- Coursework: Software Engineering, Data Structures, Algorithm Design, Computer Architecture, Operating Systems, Web Client Languages, Database Principles & Analytics, Machine Learning.

Experience

UCSD Esports Team Captain

Sept 2020 – June 2023

University of California, San Diego – San Diego, CA

- Assisted in the scheduling of 55 practice games with other collegiate and amateur teams.
- Guided the review of past games and practice sessions to refine team coordination and individual skill.
- Achieved top 16 in the official League of Legends collegiate tournament consisting of 535 teams.

Election Poll Worker

March 2020, '24

County of San Diego – San Diego, CA

- Executed the assembly and disassembly of equipment, including tables, voting stalls, and digital kiosks.
- Managed the collection of mail-in ballots, ensuring the appropriate signatures and markings were present on the envelope.
- Oversaw the transfer and submission of all ballots to the County of San Diego after closure.

Projects

thomasjoel.site

Aug 2023 – Sept 2023

- Created a responsive website for portfolio display using **Bootstrap** and native web technologies.
- Utilized semantic **HTML** and **W3C**-recommended practices for network, device, and user accessibility.
- Applied a **mobile-first** design philosophy for streamlined development and accessibility for all devices.
- Incorporated custom **CSS** and **SASS** stylings to create a unique and appealing aesthetic.
- Implemented server-side **Git Hooks** to detect and automatically deploy repository pushes.

User Interactivity Analytics

Apr 2023 – June 2023

- Prepared an **Apache** web server with the full **LAMP** stack.
- Utilized **JavaScript** for responsible data collection on timing performance and user activity.
- Developed a **REST API** using **Node.js** to communicate with a backend built on **MySQL**.
- Designed data charts and tables to provide complete and insightful user performance metrics.

RoommateHub

Oct 2022 – Dec 2022

- Worked in a **scrum** team to develop a web application for organizing household responsibilities.
- Designed end-to-end and unit tests on all app functions using **Puppeteer** and **Jest**.
- Deployed a **CI/CD** pipeline with **GitHub Actions** to automate tests and style checking.
- Organized weekly standups, sprint goals, retrospectives, and scrum boards.

Skills

Languages: Java, Python, C, JavaScript, HTML, CSS

Frameworks and Libraries: Node.js, Bootstrap, React

Tools: Git, Linux