

Joseph Calise

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EDUCATION

Bachelor of Science, Computer Science, Analytics Minor

Chapman University, Fowler School of Engineering, Orange, CA

Expected Graduation: December 2024

Major GPA: 3.85

TECHNICAL SKILLS / CERTIFICATIONS

- Java
- JavaScript / NodeJS
- Postman
- C++
- Relational Databases
- React.js
- Python
- Non-Relational Databases
- Swift

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER - INTERN

USAA, Plano, TX / May 2024 - Aug 2024

- Worked on the Digital Experience and Enablement team, responsible for a suite of business-critical APIs handling up to 500 million requests daily, along with internal business applications supporting customer service representatives and monitoring API workflow statuses, speeds, and availability.
- Quickly integrated with the team, leveraging my full-stack development skills and AGILE principles to develop a feature for troubleshooting account interaction issues. This feature included implementing UI changes, creating new server endpoints, and implementing server-side query generation to handle a variable amount of query parameters. Once the feature was completed, I worked on query optimization bringing query times down by 85%.
- Enhanced the scope of automated integration tests utilizing Newman and Postman collections within the CI/CD pipeline. Ensured cascading API calls functioned properly for over 40 products across 4 lines of businesses. These tests involved selecting random members for each product to verify API calls and data retrieval processes worked as intended.

IT SUPPORT SPECIALIST

GreenCoast Hydroponics, Long Beach, CA / Sep 2020 - Jul 2021

- Managed the helpdesk for a wide range of locations including store branches, headquarters, and a remote staff, encompassing more than 75 Windows workstations, 5 Windows servers, and over 150 Active Directory accounts.
- Assumed responsibility for asset tracking, ordering procedures for store locations, training new hires, and spearheaded the creation, testing and execution of companywide fixes and upgrades within a span of just 3 months.
- Pioneered the development of a Python script for the department that modernized password resetting and the profile unlocking processes within the IT department. By automating these tasks, the script significantly enhanced the department's efficiency and productivity.

RELEVANT (TECHNICAL) PROJECTS

Wordle Clone (JavaScript / NodeJS / HTML / CSS):

- A functioning version of the popular game Wordle where you have 6 guesses to solve a 5-letter word.
- Implemented a non-relational database (MongoDB) to establish a dynamic ranking system, evaluating users' average guess attempts over time and ranking them within their respective groups.
- The application uses a backend (NodeJS) and API calls to handle various CRUD data operations. Additionally, utilizing browser storage, the app can identify new or returning users as well as users who completed that day's word.

Blackjack (Java):

- Developed a full functioning terminal application in Java that gives users an interactive Blackjack experience.
- Implemented program logic that adheres to the rules of Blackjack, including dealer behavior hitting a soft 17.
- Incorporated advanced features like real-time card tracking, precise fund management, and seamless deck shuffling for uninterrupted gameplay.

LEADERSHIP EXPERIENCE AND ACCOMPLISHMENTS

BOATSWAIN'S MATE 2ND CLASS (E-5)

United States Coast Guard, Chatham, MA / Apr 2016 - Apr 2020

- **Officer of the Day:** Established leadership skills through managing the daily activities of Coast Guard Station Chatham.
- **Coxswain:** Commanded and operated USCG Search and Rescue assets and crews during emergency response efforts.
- **Boarding Officer:** Directed and responsible for a Maritime Law Enforcement team during law enforcement missions.