OJEEN GAMMAH

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Citizenship Status: US. Citizen

EDUCATION

University of California - San Diego, La Jolla, CA — September 2021 - December 2023
Major: B.S. Computer Science
GPA: 3.8

SKILLS

- **Languages:** C, C++, Java, JavaScript, HTML, CSS, Python, Clojure, SQL, Linux/Unix, ARM Assembly
- **Software:** Design, Web Development, Machine Learning, Operating System, Graphics, Computer Security
- **Microsoft Office:** PowerPoint, Word, Excel, Outlook, Visio, Access
- **Tools:** Git, GitHub, Visual Studio Code, Visual Studio, PowerShell, Bash, Shell, Junit, Node.js, Docker, Virtual Machine, IntelliJ, PyCharm
- **Other:** Agile, Methodologies, CI/CD, REST, Jest, Puppeteer

EXPERIENCE

Grade Potential Tutoring – San Diego, California — December 2023 – Present 📅
Tutor
- Provide one-on-one tutoring to students ranging from high school to college students l in subjects including coding/math/physics.
- Develop customized lesson plans to cater to individual student learning styles and academic needs, ensuring a personalized tutoring experience.
- Track and analyze student progress through regular assessments, adapting teaching strategies to optimize learning outcomes.
- Foster a positive and encouraging learning environment, building students' confidence and motivation in their academic pursuits.
- Utilize a variety of educational resources and technology platforms to supplement teaching and provide interactive learning experiences.

Grossmont College – El Cajon, California — August 2019 – February 2020 📅
Computer Lab Technician
- Provided technical support to students and faculty, addressing issues related to computer hardware, software, and network connectivity.
- Assisted in the maintenance and upgrading of computer lab equipment, and managed software installations and updates to ensure all computers were optimally functional and equipped with the latest tools for academic use.
- Collaborated with IT department staff on larger projects and initiatives, contributing to the improvement of campus-wide technology resources.
- Delivered excellent customer service, patiently helping users with varying levels of technical expertise and ensuring their satisfaction with the support provided.

PROJECTS

Task Scheduler

- Configured a comprehensive CI/CD pipeline using GitHub Actions for automated linting, HTML validation, documentation generation, and testing of code changes.
- Wrote and executed automated E2E (end-to-end) tests using Jest and Puppeteer that simulate user interactions, such as clicks and form submissions to ensure the app's overall functionality with 97% code coverage.
- Designed a user-friendly HTML/CSS interface optimized for various screen sizes and devices.

Huffman Compression and Decompression Tool

- Implemented a Huffman compression and decompression tool in C++.
- Constructed a Huffman tree using a bitwise buffer and tree serialization, leading to a 30% decrease in file size.
- Optimized and profiled runtime using gprof (GNU Profiler), leading to a 10% decrease in overall runtime.