Jacob THOMAS

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OBJECTIVE

What started off as competitive interest in Math, led to a fire for Math, Physics, and Computers. I worked hard as a full-time Software QA technician, taking a break from university to gain valuable experience and build my performance and confidence. Now, I recently graduated from CSU San Marcos with a Bachelor of Science in Computer Science and I am eager to apply my enhanced skills in a full-time role.

EDUCATION

CALIFORNIA STATE UNIVERSITY, SAN MARCOS   *December 2024*
B.S. IN COMPUTER SCIENCE

• Coursework: Data Structures, Cloud Computing, Networking, Mobile Programming, Artificial Intelligence, Database Management Systems, Embedded Systems

EXPERIENCE

ZAPWAYS   *May 2019 - June 2022 • Irvine, CA*
SOFTWARE TEST ENGINEER - JAVASCRIPT, PYTHON, BASH, .NET

• Developed an internal JavaScript library to automate testing our endpoints for Online Travel Agencies.
• Identified and logged 400+ bugs and features in admin and public software.
• Debugged and wrote documentation for an internal .NET API.
• Collaborated with key decision-makers and developers on projects, introduced features, defined requirements.
• Aided with client issues related to the Global Distribution System (GDS) usage.
• Served as the primary troubleshooter for Online Travel Agency (OTA) engineers working with our system.
• Owned the development of automated GUI tests in Python using Selenium.

PROJECTS

CSUSM ACM HACKATHON 2025
PYTHON

• Achieved second place as a solo developer in ACMatCSUSM's first hackathon.

PORTFOLIO WEBSITE (2025)
REACTJS, TAILWINDCSS, CLOUDFLARE

• Currently hosted at jakethomas1.com via Cloudflare Pages.

USU WEB APP - TOURNAMENTS
PYTHON (FLASK), MYSQL, JAVASCRIPT

• Owned the development of the tournament system, main contributor of capstone project.

WEBSITE (2019)
NODE, EXPRESS, JAVASCRIPT, HTML, CSS

• Formerly hosted at jakethomas1.com via a Digital Ocean droplet running Ubuntu.
• Included multiple project repository views and other various responsive elements and layouts.

SKILLS

PROGRAMMING LANGUAGES:
        Advanced: Python | JavaScript | SQL | Bash | C# | ReactJS | Node.js | C++ ***Adept:*** Java | C
SOFTWARE DEVELOPMENT: Linux | Git | JSON | XML | AWS | Postman | Bluetooth SPP | Bluetooth LE GATT
ADDITIONAL SKILLS: Soldering | Computer Hardware | Project Management | Presentations | Networking

EXTRA

• Self-hosted a media library and web applications using a Raspberry Pi 4GB.
• Developed a web scraping script in Python to check for camping site availability.