

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 B.S. 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. COMPUTER SCIENCE

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

EXPERIENCE

ZAPWAYS

May 2019 - June 2022 • Irvine, CA

SOFTWARE TEST ENGINEER

- 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.
- Tested and wrote documentation for an internal .NET API.
- Collaborated with key decision-makers and developers on projects, introduced features, defined requirements.
- Wrote complete documentation of the OTA automated testing system.
- 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

PORTFOLIO WEBSITE (2025)

REACT, TAILWINDCSS, CLOUDFLARE

- 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

- Hosted at jakethomas1.com via a Digital Ocean droplet running Ubuntu.
- A responsive personal website running an Express server with vanilla JavaScript and CSS powering multiple project repository views and other various responsive elements and layouts.

SKILLS

PROGRAMMING LANGUAGES:

Expert: Python | JavaScript | SQL | Bash | C# | ReactJS | Node.js | C++ **Adept:** Java | C

SOFTWARE DEVELOPMENT: Git | JSON | XML | AWS | Postman | Azure | Selenium | Tailwind CSS | Linux

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.
- Created a CLI tool for converting videos to gifs using the ffmpeg and giflossy.