

Daniel Kirkpatrick

(925)-482-7626 | thedanieljk@gmail.com | [linkedin.com/in/thedanieljk](https://www.linkedin.com/in/thedanieljk) | github.com/thedanieljk www.thedanieljk.com

EDUCATION

California Polytechnic State University (SLO) - College of Engineering

San Luis Obispo, CA

Bachelor of Science in Computer Science

Graduated 2020

EXPERIENCE

Software Engineer - Full Stack

2019 – 2021

Omegabit, LLC

San Luis Obispo, CA

- Developed RESTful API's in order to securely send assets to Augmented Reality/Virtual Reality application (encryption in transit and at rest)
- Automated file conversion and optimization to display in Augmented Reality / Virtual Reality Applications
- Redesigned front end to improve SEO (Search Engine Optimization) in order to optimize the targeting of enterprise customers
- Developed an Augmented Reality/Virtual Reality application to host multiple concurrent users in private virtual rooms

CERTIFICATIONS

CompTIA Security+

2023

CompTIA SY0-601

Cybersecurity

- CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career.
- Covers analyzing threats or vulnerabilities, regulation compliance, and designing and evaluating security systems.

AWS Solutions Architect - Associate

2023

Amazon Web Services SAA-C03

Cloud Services

- Validates technical expertise in designing and deploying scalable, highly available, and fault-tolerant systems on Amazon Web Services.
- Shows knowledge and skills in compute, networking, storage, and database AWS services
- Includes experience in deploying, managing, and operating workloads on AWS as well as implementing security controls and compliance requirements

PROJECTS

MMORPG Automation | *Python, pyautogui*

- Developed a bot to automate repetitive tasks in a massively multiplayer online role-playing game (MMORPG)
- Successfully avoided bot detection through the use of randomization and human-like patterns

Website Portfolio | *Amazon Web Services (AWS), Amazon S3, reactJS*

- Developed a static website in reactJS in order to display my portfolio and resume
- Hosted on Amazon Route 53
- Automatic deployment with git push

Closed Caption Scraping | *Python, pandas, BeautifulSoup, Jupyter*

- In order to ease in studying, scraped a course website to grab link to closed captions for each lecture
- Retrieved captions from URL and converted to a readable format to simplify search

TECHNICAL SKILLS

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

Frameworks: React, Node.js

Developer Tools: Git, Amazon Web Services, VS Code, Visual Studio, Eclipse

Libraries: pandas, NumPy, pyautogui, BeautifulSoup, Jupyter

Interests/Specialties: Cybersecurity, Cloud Services, Automation, Artificial Intelligence, Web Development, Software Engineering, Augmented Reality, Virtual Reality, API Development