

STEPHEN WANG

Rancho Cucamonga, California | stw51924@gmail.com | (909) 297-0110 | github.com/chspur

ABOUT

Self-motivated Computer Science graduate and certified AWS developer with hands-on experience as an Information Technology Intern. Eager to learn new technologies and expand my experience in cloud and software engineering.

PROJECTS

Cloud Resume Challenge Oct 2024 - Present

Hosted a resume website using AWS cloud services (resume.swang.cloud)

- Set up AWS account in AWS Organizations and created a billing alarm with CloudWatch
- Wrote my resume using HTML and CSS, hosted it in S3, and made it publicly accessible using CloudFront; gave it a custom domain name using Route 53 and enabled HTTPS using ACM
- Built a serverless API with API Gateway, Lambda, and DynamoDB to add a views counter that is triggered with JavaScript

Pomodoro Timer Web Application Jan 2021 - Mar 2021

Built a timer that helps students focus using the Pomodoro technique for my CSE 110 Software Engineering class

- Member of the QA team for our project along with 3 other members of the team
- Learned how to write tests using Jest, which assisted in increasing code coverage for our project
- Wrote tests that checked if variables were being set correctly when methods were called, the constructor was initializing fields properly, and the timer was advancing to the next stage

SPIS (Summer Program for Incoming Students) at UCSD Aug 2019 - Sep 2019

- Discussed and collaborated with 40 peers and 10 mentors on programming concepts
- Completed 8 labs about recursion, image manipulation, robotics, and machine learning with other students that helped us discover more about computer science
- Programmed a Tic-Tac-Toe AI in Python for my final project using machine learning and data pattern analysis, resulting in the completion of the summer program

EXPERIENCE

Esri | Redlands, California Jun 2022 - Sep 2022

Information Technology Intern

- Migrated a proxy application from EC2 classic to a kubernetes cluster so it could be redeployed
- Used Docker, Helm, and Jenkins to deploy the application to the kubernetes cluster; pushed to Harbor and worked with image repository
- Created IAM users and policies through the console to give access to S3 buckets
- Used Terraform to create an IAM policy and role to access secrets

EDUCATION

University of California, San Diego | San Diego, California Sep 2019 - Jun 2023

Bachelor of Science in Computer Science

- Graduated with a 3.6+ GPA

CERTIFICATIONS

AWS Certified Developer - Associate

Issued Oct 2024

VOLUNTEER EXPERIENCE

The StoryGraph

Sep 2024 - Present

- Volunteer librarian that helps maintain a virtual book database for the app
- Improve book data by inputting and correcting metadata such as ISBN, author, or publisher

Acts Ministries International | Cobán, Guatemala

Jun 2023 - Jun 2024

Teacher/Church Intern

- Taught Math, English, and Computer after-school enrichment classes at the church for elementary and middle-school students
- English tutor at AMI International School where I would help students practice reading, writing, and speaking English; also an after-school tutor at the church where I provided homework help
- Served in various church ministries such as children's ministry, Bible club, house visitation, and hosting short-term mission teams
- Assisted the missionaries in whatever was needed: cleaning/organizing, making coffee, setting up for events, babysitting, running errands, bookkeeping

Kairos College Fellowship

Sep 2021 - Jun 2023

- Member of the Life Group team, which leads small Bible study groups each week
- Co-led a Life Group and helped lead Bible study or sermon discussions