Xiao He

Aspiring software developer with proven skills in team communication and project management. Self-starter and avid tech explorer with experience in growing startups.

San Francisco, CA, U.S.A

xiaojunhe.com

hello@xiaojunhe.com

Experience

Twilio Inc. – San Francisco, CA

Senior Cloud Security Engineer   April 2020 to Present
- Perform threat modeling, incident response and least-privilege analysis on roles.
- Create security guardrail baselines in SCP and automation for multi-account effort.

Security Engineer II   April 2019 to April 2020
- Migrated all production bastion SSH access from X.509 certificate to Yubikey One-Time-Password(OTP).
- Initiated cloud resources ownership tagging effort for over 500 high risks external facing resources.

Software Engineer   August 2018 to April 2019
- Developed tooling with AWS Step functions, Lambdas and DynamoDB to detect and remediate security deviations for AWS cloud infrastructure.
- Reduced wildcard certificates' blast radius on 200+ roles and 800+ hosts.

Kilter, Inc – Madison, WI

Co-founder & CTO   June 2016 to January 2019
- Directed technology decisions and oversaw development of mobile and web apps.
- Designed and developed AWS cloud infrastructure with services running Golang APIs, PHP, Python, Angular5 website and CI/CD pipeline.

Industrial Refrigeration Consortium – Madison, WI

Lead Software Engineer   April 2016 to February 2017
- Refactored legacy PHP code base and managed MySQL database and web server.
- Redesigned internal management system with Bootstrap and jQuery.
- Developed and maintained all IRC and HVAC&R Center websites and databases.

UW-Madison IoT Systems Research Center – Madison, WI

Researcher   September 2015 to September 2016
- Designed a hardware interface with Arduino YUN to provide activity analytic for gyms.
- Implemented integration of Amazon Echo and Slack with AWS Lambda and webhooks.

Education

University of Wisconsin, Madison
- Bachelor's Degree (Honor), Computer Engineering
- Bachelor's Degree, Computer Sciences

Certifications

AWS Certified Security – Specialty

AWS Solutions Architect – Associate

AWS Certified Developer – Associate

GIAC – GSEC

AWS Cloud Practitioner

Technologies

AWS
Apache
AngularJS
Burp Suite
Docker
Metasploit
Nmap
Nginx
Node.js
React
React Native
D3.js

Languages

Python   (Proficient)
Golang   (Proficient)
PHP   (Proficient)
MySQL   (Familiar)
JavaScript   (Familiar)