

XIAO HE

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Summary

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

Employment

Twilio

Cloud Security Engineer · August 2018 to Present

- Develop tooling to detect and remediate security deviations for AWS Cloud Infrastructure.
- Perform threat modeling, incident response and least-privileged analysis on security roles.
- Work in Agile scrum team with sprint cycles and retrospectives.

Kilter, Inc

Co-founder · June 2016 to Present

At Kilter, we're on a mission to transform the employee wellness space by enabling employers to donate to employee causes when they complete daily health goals.

- Direct technology decisions and oversee development of mobile and web applications.
- Design and develop AWS cloud infrastructure with services running Golang APIs, PHP, Python, Angular5 website and continuous delivery pipeline.

Qualcomm

Interim Engineering Intern · May 2017 to August 2017

- Built tests automation CLI tool on LSF cluster server with threading and subprocess module in Python.
- Implemented parsing for internal terminal command with Regex and Angular graphical web interface generation of outputs.

Industrial Refrigeration Consortium

Full Stack PHP Developer · April 2016 to February 2017

- Refactored legacy PHP code base and managed MySQL client database and web server.
- Redesigned internal management system with Bootstrap and jQuery.

Projects

Carpe Dime - WildHacks 2016

- Built Chrome extension that informs student users about the amount of money they waste while not paying attention in class.
- Managed team of 4 to build client side application with Github branching.
- Developed server side handling in Node.js with Google Auth and Google Calendar API.

Chapter Website - Triangle Fraternity Wisconsin Chapter

- Created responsive web application with Bootstrap, Font Awesome and jQuery.
- Implemented Google Analytics to better understand user traffic.

Organizations

Transcend Engineering

Chief Financial Officer, Web Team member

Education

University of Wisconsin-Madison
B.S. Computer Engineering, 2018
B.S. Computer Sciences, 2018

Coursework

Algorithm
Artificial Intelligence
Computer Architecture
Data Structure
Digital System Design and Synthesis
Machine Organization
Microprocessor
Software Engineering

Languages

Python	(Proficient)
Golang	(Proficient)
JavaScript	(Proficient)
PHP	(Proficient)
MySQL	(Familiar)
C	(Experience)
C++	(Experience)
SystemVerilog	(Experience)

Technologies

AWS (DevSecOps, IAM, VPC)
Docker
Nginx
Apache
AngularJS
Node.js
React
React Native
D3.js
Git
Gulp
Composer
jQuery
Polymer
Propel