

Amos Kyler

Objective: To empower engineering teams with the tooling they need to understand their stack from top to bottom, development through production.

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EXPERIENCE

Course Hero, Redwood City — *TechOps Engineer II*

SEPT 2016 - PRESENT

- Architected the company's first configuration management toolkit using Ansible, adding hundreds of hours to productivity.
- Automated the configuration of over 20 unique infrastructure components.
- Architected solutions for extendable CI/CD pipelines and infrastructure automation.
- Executed full data center migration projects with minimal downtime.

Course Hero, Redwood City — *Software Engineer*

SEPT 2015 - SEPT 2016

- Implemented core infrastructure in front-end administrative applications and back-end services.
- Extended, optimized, and refactored logic in critical business systems.
- Maintained site infrastructure: asset generation, payment processing, compliance, and marketing tooling/APIs.
- Identified and patched severe vulnerabilities in production environments.

FactoryX - Venture Studio, San Francisco — *Fellow*

FEB 2015 - JULY 2015

- Executed week-long rapid prototyping sprints and validated product/market fit for 6 products.
- Administered weekly user testing sessions using the results from the prototyping sprints.
- Built the application layer for a new product every 10 weeks using a mix of Node.js, React, Ampersand, and CoffeeScript while collaborating with an exceptional team of developers.
- Implemented a full stack "learn to code" platform with React, Docker, Node.js, and Socket.io.

SKILLS

Ansible. GoLang.
Typescript/Javascript. SQL.

React/Flux. Gitlab-CI.
Kubernetes.

Linux. OSX. Docker. Git.
MySQL. Apache. nginx.

AWARDS

WCP Competition Placed 6th
of 42 in the 2014 ASU WCP
Programming Competition

Twilio Award 2014 LA Hacks
Hackathon

EDUCATION

Velocity by O'Reilly
Kubernetes training

Fulton School of Engineering
@ ASU - Computer Science
Fall 2011 - Fall 2014

Barrett, the Honors College

Regents High Honors
Scholarship

Fractal Innovations, Tempe— *Software Engineer Consultant*

SEPT 2014 - JULY 2015

- Node.js development paired with React, Backbone and a focus on open source projects and client work.
- Built an iOS and Android app using Phonegap for a client project.
- Implemented resource endpoint security and token authentication to manage cross origin requests.

Recruiting.com, Scottsdale— *Front-end Engineer*

NOV 2014 - FEB 2015

- Created Backbone modules to facilitate an application flow through LinkedIn.
- Implemented OAuth procedures in ASP to ensure secure API requests.

Fractal Innovations, Tempe— *Software Development Intern*

APRIL 2014 - SEPT 2014

- Helped design and implement full stack Node.js web applications.
- Developed SPAs with React, Backbone, and REST APIs.