

# ISH SHAH

(303) 802 7919 ◊ ish@ishshah.me ◊ GitHub: theishshah ◊ LinkedIn: theishshah

## EXPERIENCE

---

### CoreOS/Red Hat/IBM

*Software Engineer*

September 2018 - Current

*San Francisco, CA*

- Developer on Operator Framework team, maintainer of `operator-sdk`

### Ampaire

*Software Engineering Intern*

September 2018 - December 2018

*Los Angeles, CA*

- Implemented system to read serial data from flight instruments in real time
- Designed dashboards for monitoring sensor status and instrument data in flight
- Built custom flight instrumentation hardware, integrating GPS, IMU, and Air Data probes

### CoreOS

*Software Engineering Intern*

May 2018 - September 2018

*San Francisco, CA*

- Built Kubernetes operator for the CoreOS `dex` OpenID Connect provider
- Implemented TravisCI pipeline to build and deploy operators
- Added support in the `operator-sdk` for higher configurability and better debugging of operators

### Ocient

*Software Engineering Intern*

January 2018 - May 2018

*Chicago, IL*

- Implemented system to mock high performance data center hardware
- Used Intel `spdk` to determine NVME drive queue depths and efficiently queue jobs
- Built an integration testing pipeline for complex database operators

### Bazaarvoice

*Software Engineering Intern*

May 2017 - August 2017

*Austin, TX*

- Designed and implemented user activity logging service using Dropwizard
- Deployed Elasticsearch instance to store and query text records

### Coordinated Science Laboratory

*Undergraduate Researcher, Robotics*

February 2017 - December 2017

*Urbana, IL*

- Member of Intelligent Robotics Laboratory in the UAV Autopilot group
- Used PX4 to run custom navigation algorithms on drones
- Assembled and debugged low power embedded hardware

## EDUCATION

---

### University of Illinois

*Computer Science*

August 2016 - December 2017

*Urbana-Champaign, IL*

- Chair of the GNU/Linux User Group. Taught students Linux fundamentals and OS tools
- Organizer for Hacker Experience at HackIllinois and for Speaker Content at Reflections|Projections
- Course Staff for CS196. Gave lectures on introductory computer science material

## PROFICIENCIES

---

### Programming Languages

Golang, Python, C/C++, Java, Ruby, Bash

### Developer Technologies

Docker, Kubernetes, Git, Elasticsearch, PostgreSQL, Flask,  $\LaTeX$