

# ISH SHAH

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## EXPERIENCE

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### Red Hat

*Software Engineering Intern, CoreOS*

May 2018 - September 2018

*San Francisco, CA*

- Working on distributed systems and related projects

### Ocient

*Associate Software Engineer (Intern)*

January 2018 - May 2018

*Chicago, IL*

- Implemented system to mock high performance data center hardware
- Worked on system for gathering and intelligently parsing system configuration information
- Designed and built unit testing framework for complex database operators

### Bazaarvoice

*Software Engineering Intern*

May 2017 - August 2017

*Austin, TX*

- Worked on audit and activity logging service for Portal service gateway
- Designed and implemented service for user activity logging
- Maintained endpoints for audit service

### University of Illinois Research

*Undergraduate Researcher*

January 2017 - December 2017

*Urbana, IL*

- **Intelligent Robotics Lab:** Worked on adapting PX4 autopilot software for use on Raspberry Pi 3 boards and optimizing the software for real time flight calculations. Topics of investigation included efficiency of different parallelization models for embedded flight control software.
- **Memory Model Programming Education:** Worked on developing basic computer programming coursework by teaching a memory model for a fundamental base. Topics of investigation included potential introductory CS material to teach in a pilot study.

### Makergirl

*Web and Data Manager*

August 2016 - January 2016

*Champaign, IL*

- Maintained and improved website code base
- Warehoused and analyzed metrics in Excel
- Maintained consistent branding across platforms

## EDUCATION

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### University of Illinois, Urbana-Champaign

Undergraduate [ON LEAVE FOR INDUSTRY EXPERIENCE]

*August 2016 - December 2017*

Computer Science

**Courses:** Data Structures & Algorithms, Computer Architecture, Discrete Structures, Software Design Studio, Virtual Reality, Engineering Risk & Uncertainty

**Involvement:** Chair for GNU/Linux Users Group, Organizer for HackIllinois and Reflections Projections, Admin for ACM@UIUC, Course Staff for CS196, Consultant for Illinois Business Consulting

## PROFICIENCIES

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### Programming Languages

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

### Developer Technologies

L<sup>A</sup>T<sub>E</sub>X, Git, Elasticsearch, PostgreSQL, Docker, Kubernetes, Flask