

ISH SHAH

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EXPERIENCE

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:** Working on adapting PX4 autopilot software for use on Raspberry Pi 3 boards and optimizing the software for real time flight calculations. Currently investigating efficiency of different parallelization models for embedded flight control software.
- **Memory Model Programming Education:** Working on developing basic computer programming coursework by teaching a memory model for a fundamental base. Currently investigating 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

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

Programming Languages

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

Developer Technologies

L^AT_EX, Git, Elasticsearch, PostgreSQL, Docker, Kubernetes, Flask