

ZHIJIANG LI

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AWS SA-A Certified

Cornell University '16
B.S. Computer Science
M. Eng. Physics

SKILLS

- ● ● ● ● Java
- ▶ ● ● ● ● Python
- ▶ ● ● ● TypeScript
- ● ● Haskell
- ▶ ● ● Scala

TECHNOLOGIES

- ▶ ● ● ● ● AWS
- ● ● ● React
- ● ● ● Linux
- ▶ ● ● ● Airflow
- ● ● Android
- ● ● InDesign

HOBBIES

- ● ● ● ● Badminton
- ● ● ● ● Photography
- ● ● ● ● Board games
- ● ● ● Swimming
- ● ● ● Cubing

PERSONALITY

- ● ● ● ● Thoughtful
- ● ● ● ● Composed
- ● ● ● ● Organized
- ▶ ● ● ● ● Creative

Amazon - SOFTWARE DEVELOPMENT ENGINEER II

MARCH 2017 - NOW

- Developed end-to-end Alexa skill launch from the web or mobile device
 - Refactored React front end on web and mobile
 - Added new skill launch features for more customer engagement
- Helped design automation system which saved \$800k
 - Created and deployed infrastructure for business automation
 - Maintained stable deployments of our automation infrastructure by teaching new team members the tricky caveats
- Led proper stress testing initiative across Amazon
 - Presented at Seattle TestUnconference 2018 on stress testing
 - Contributed a feature to an internal load generator tool in my own time
 - Became a bootcamp instructor for the load generator tool

Box - SOFTWARE ENGINEERING INTERN

MAY - AUGUST 2016

- Implemented a snippeting plugin to Solr to save disk space on Solr hosts, and strived to save Box 600 thousand dollars through my project.
- Drove snippeting project to completion from scratch to finish: background research, design, implementation, integration testing, dependency management, performance testing, documentation.
- Collaborated with the team and discussed each of the pro's and con's of design choices at each step of the project.

Yelp - SOFTWARE ENGINEERING INTERN

MAY - AUGUST 2015

- Contributed to consumer Android app by creating endpoints which encourage the user to add reviews and tips for a business.
- Ran experiments tracking user engagement for each feature.
- Engaged in team code reviews and feature planning.

Cornell Claritas - PRODUCTION MANAGER

MARCH 2015 - MAY 2016

- Oversaw design and production for the new student journal.
- Designed and maintained the web blog for the journal.

Bread of Life - EDITOR-IN-CHIEF

JANUARY 2014 - MAY 2015

- Led students to write and edit articles for my fellowship's biannual publication.
- Designed photo packages and article layouts to put together the publication.

TEDx Cornell 2015 - DESIGNER

FEBRUARY - MAY 2015

- Collaborated with design team to create a consistent thematic look for the anticipated event.
- Designed pamphlets, and banners for advertising and marketing.

Answers - SOFTWARE ENGINEERING INTERN

MAY - AUGUST 2014

- Implemented a redesigned homepage for the Android app.
- Developed numerous Android UI features such as animations and parallax components within the app.
- Added automated unit and integration tests for Android app development.

Image Filters Application

- Learned about image manipulation techniques such as convolutions and masking, and created various filters and functions to modify pictures.
- Created a photomosaic feature which analyzes the average color of given thumbnails to generate a photomosaic.