



# CHAOYI ZHA

Passionate software engineer.

## CONTACT

302 268 6512  
chaoyi.zha@duke.edu

chaoyizha.com  
github.com/cydrbolt  
linkedin.com/in/chaoyizha  
fedorapeople.org/~cydrbolt

## LANGUAGES

English, French, Chinese

## EXPERIENCE

### Quizlet, San Francisco — *Software Engineering Intern*

June 2018 - Aug 2018

Worked with Hack (HHVM) and React.js on the web engineering team to build accessible, intuitive online study tools that help millions of students learn more effectively. Helped launch term auto-suggestions to make it easier for students to study, and implemented site-wide Google auto-login to increase user retention.

### Top Hat, Toronto — *Software Engineering Intern*

June 2017 - Sept 2017

Worked with React.js, Django, and DynamoDB on the enterprise engineering team to build and scale Top Hat's new secure testing product, which provides professors with a secure environment to administer online exams.

### Quietly, Vancouver — *Software Engineering Intern*

June 2016 - Sept 2016

Worked on the product team to lead an overhaul of Quietly's content marketing data visualisations with d3.js and revamped Quietly's analytics backend. Implemented new and improved KPI visualizations in clients' content strategies.

## PROJECTS & ACTIVITIES

### Fedora Project

Open Source

Contributing on the Fedora Infrastructure team to help maintain the applications and services necessary to power Fedora, including the package database, build systems, web services, coordination tools, and server infrastructure.

### Polr

Personal Project

An open source URL shortening platform built in Laravel. Used by hundreds of organisations and supported by Oregon State University's Open Source Lab.

### Ventib

PennApps XI

A speech pattern analyser which provides statistics based on users' real-time speech habits; locates, graphs, and extrapolates users' speech.

## SKILLS

**Languages & Markups:** Python, JavaScript, PHP (HHVM), CSS, HTML

**Libraries & Frameworks:** Django, React, Flow (JS), Angular, Node.js, SASS

**Tools & Practices:** \*nix, Git, AWS, New Relic, Vividcortex, Jenkins

## EDUCATION

### Duke University

Bachelor's in Computer Science, Expected 2022