

# Shirley Miao

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## SKILLS

Languages: Java, Bash, PHP, C++, JavaScript, Dart, MATLAB, Python, LaTeX, SQL, Apache Hive

Frameworks/Libraries: Android, AngularDart, Node.js

Tools: Git, Mercurial, Bazel, Phabricator

## EXPERIENCE

### **STRIPE** | SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | San Francisco, CA

### **FACEBOOK** | SOFTWARE ENGINEERING INTERN

Sept 2015 – Dec 2015 | Menlo Park, CA

- Implemented and launched Android and full stack web features on the Internationalization team
- Created and maintained A/B tests for these features and tracked key metrics
- Integrated Android client data into the existing data pipeline to improve i18n services

### **GOOGLE** | SOFTWARE ENGINEERING INTERN

May 2015 – Aug 2015 | Mountain View, CA

- Developed an automated and manual latency testing framework on the Sales Platform team, for use by front end AngularDart developers at Google
- Created a schema for producing data for and consuming data from the framework
- Designed a comprehensive UI for the manual testing application, built in AngularDart

### **INKCHAT** | SOFTWARE DEVELOPER

May 2014 – Aug 2014 | London, CA

- Developed a collaborative drawing web app that allows for real-time digital ink streaming and math text input.

## PROJECTS

### **SPOTTYFI** | SOFTWARE DEVELOPER | ONGOING

- Developing a synchronized audio player for Android clients to listen to the same Spotify tracks
- Using Node.js/Socket.IO to listen for and broadcast events on all clients in a session as they occur

### **HACK WESTERN I** | FOUNDER/ORGANIZER | 2015

- Founded and organized the first large-scale, MLH-supported hackathon at Western University
- Procured over \$68,000 in sponsorships from partner organizations and companies

### **WOMEN IN TECHNOLOGY SOCIETY** | Co-FOUNDER | 2014

- Launched a faculty-funded group at Western University that promoted female students in technical fields through workshops, socials, and industry guests

## EDUCATION

### **UNIVERSITY OF WATERLOO** | HONORS BACHELOR OF COMPUTER SCIENCE

Expected May 2018 | Waterloo, Canada

- Dean's List (All Semesters) | Cumulative GPA: 90/100

## AWARDS

2015	Google Grace Hopper Celebration Scholarship	Recipient
2014	Square College Code Camp	Selected Participant
2014	NSERC Undergraduate Student Research Award	Recipient