

# KRISTY GAO

SOFTWARE  
DEVELOPER

## CONTACT

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## EDUCATION

Bachelor of Computer Science  
University of Waterloo  
2017 - 2022

## TECHNICAL SKILLS

### LANGUAGES

Java	Javascript
C, C#	HTML
Python	CSS
Clojure	SQL
Pascal	PHP

### TECHNOLOGIES

React	Bootstrap
Redux	Cypress
Node.js	Jest
Express	Mocha
Sequelize	

### TOOLS

Git	Jenkins
Gerrit	Jira

## INTERESTS

Figure skating enthusiast,  
pro omelette flipper, rock  
climber, coffee addict.

## EXPERIENCE

**SOFTWARE DEVELOPER** *Magnet Forensics | May - Aug 2018*

- Implemented client-catered UI features using React and Redux to close contracts with pilot clients
- Developed backend queries and pipelines in Clojure
- Independently created end-to-end test infrastructure with Cypress, Python, and Jenkins for infrastructure confidence

**WEBSITE DEVELOPER** *UGDSB | July 2016*

- Enhanced site maintenance, user experience, and updates within UGDSB with Javascript, HTML, CSS, & PHP
- Created WordPress plugins with PHP to improve experience for non-technical users

## PROJECTS

**SCOTI** *Second Place, s://HA<KS | Aug 2018*

- A mobile compatible React web app to encourage peer to peer interact e-transfers
- Carefully considered best business practices to pitch an application with a clear product vision

### GOOD2CHATBOT

*Best Use of Data Analytics, SheHacks2 | Mar 2018*

- A messenger bot and web app that helps users track daily mental health
- Single-handedly developed a messenger bot using Node.js, Express, and Sequelize in a tight time frame

**SMS MOTHER** *Top Projects, BreakInequality Hackathon | Nov 2016*

- A voice-based SMS and web app that diagnoses medical problems for remote communities
- Used web development tools to implement front-end and created logic for SMS sending in Java

## COMMUNITY INVOLVEMENT

**LOGISTICS ORGANIZER** *Hack the North | Mar 2018 - Present*

- Interviewed 13 candidates, forming a team of 6 volunteer leads to coordinate over 300 volunteers
- Collaborated with fellow organizers to execute Canada's biggest Hackathon, welcoming 1000 hackers

**FIRST YEAR REPRESENTATIVE** *Math Soc | Oct 2017 - Apr 2018*

- Mentored and organized beginner programming workshops taught in Ruby and Node.js
- Organized and marketed the first Math Faculty Semi-Formal Dance with over 200 attendees
- Delivered three events each term, many with a 100+ student turnout due to effective marketing