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 scripts, and jenkins jobs

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 the 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 250 volunteers
- Collaborated with fellow organizers to execute Canada's biggest Hackathon, housing 1000 hackers

FIRST YEAR REPRESENTATIVE *Math Soc | Oct 2018 - 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