

KRISTY XUE GAO

SOFTWARE DEV

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TECHNICAL SKILLS

- Languages: Java, C, C#, Javascript, HTML, CSS
- Frameworks and Libraries: React, Node.js Redux, Bootstrap
- Other Tools: SQL, PHP, Clojure, Racket, Git, Jenkins

EXPERIENCE

Software Developer | Magnet Forensics May 2018 - Present

- Implemented client-catered UI features using React and Redux to improve user experience
- Developed backend queries and pipelines in Clojure to maintain Jenkins functionality

Assistant Web Developer | Upper Grand District School Board July 2016

- Enhanced site maintenance, user experience, and updates within UGDSB Learned PHP and ASP.NET
- Updated UI and report saving features to improve Waste Audit management system
- Created WordPress plugins with PHP to improve site functionality

PROJECTS Visit devpost.com/gaoxuekristy

Good2Chatbot | Best Use of Data Analytics at SheHacks2 Mar 2018

- A messenger bot and web app that helps users stay on top of daily mental health
- Single handedly developed the messenger application using Node.js in a tight time frame

SMS Mother | Top 10 Projects at 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 web app
- Implemented logic for SMS sending in Java

Procastin8 | First Place at HackGFS github.com/procastin8/procastin8-chrome May 2016

- Google Chrome extension that aids in productivity through gamification and smooth design
- Used CSS and created pixel art assets for front end design

EXTRACURRICULARS

Logistic Coordinator | Hack the North Mar 2018 - Present

- Led a team of 6 volunteer leads to coordinate over 200 volunteers
- Revamped previously disorganized volunteer initiative to improve volunteer experience and event execution
- Collaborated with organizers in logistics for Canada's biggest student Hackathon, housing 2000 attendees

Elected First Year Representative | Mathematics Society Oct 2017 – April 2018

- Delivered three events each term, many with a 100+ student turnout due to effective marketing
- Organized and marketed the first Math Faculty Semi Formal Dance in 5+ years with over 200 attendees
- Mentored committee run beginner programming workshops taught in Ruby and Node.js

EDUCATION

Bachelors of Computer Science | University of Waterloo Sept 2017 - 2022