

Monica Xu

C S / B B A S T U D E N T

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SKILLS

Proficient in:

Java, Python, C, C++, Racket, HTML, CSS

Familiar with:

JavaScript, C#, React.JS, Node.JS, LESS

Tools/Frameworks:

Git, Spring, SQL, Android Studio, Amazon Web Services, SAP Hybris, Heroku, Docker, Microsoft Azure, Salesforce Marketing Cloud

AWARDS

Grace Hopper Conference Scholarships Recipient2017

Google && University of Waterloo

Awarded to select outstanding females in CS

Top Scholar2016

York Region District School Board

Highest District-wide Average (100%) out of 15,000+ graduating students

Kalbfleish National Scholar2016

University of Waterloo, Faculty of Math

For excellence in academics, Waterloo math contests, and extracurricular activities

Rewriting the Code Member2017

Rewriting the Code Fellowship

For exceptional leadership and involvement as a woman in technology

Citizenship Award2016

Government of Ontario

For outstanding community involvement

Certificate of Excellence2016

City of Markham

For great contributions towards Markham youth

EDUCATION

University of Waterloo

Bachelor of Computer Science

September 2016 – April 2021

- Dean's Honours List (92% average)

Wilfrid Laurier University

Bachelor of Business Administration

September 2016 – April 2021

Bayview Secondary School

Ontario Secondary School Diploma

International Baccalaureate Diploma


September 2012 – June 2016

PROJECTS

RapChatz (Starter Hacks) 2017

Best Development && Best Use of Amazon Web Services

- Amazon Alexa Facebook Chatbot: speak/type a word and the chatbot/Alexa returns context/sentiment-relevant rap lyrics

FoodMe (Microsoft Hacks) 2017

- Web app: take pictures of food and get nutrition facts

Sojourn (PennApps) 2017

Top 30 out of 200 submissions

- iOS geo-caching game to promote tourism, data collection, fitness: photo-taking challenges for Google Maps street view images

PushMeme (The Lady Hacks) 2016

Best Use of Amazon Web Services

- Social site: promote personal/group productivity with memes

GWhack! AMole  2016

- Android arcade game: set high scores by hitting avocado sprite

WORK EXPERIENCE

Full-Stack Developer Intern May 2017–Sept. 2017

Click and Collect Online Grocery Shopping | Loblaws Digital

- Integrated Salesforce Marketing Cloud to enhance email marketing
- Implemented content customizability through CMS integration
- Created CronJobs and API Stubs for automation testing migration
- Wrote and unit tested methods under the Spring MVC Framework
- Resolved front-end and back-end bugs for online grocery accounts

Chair2016–present

Women in Computer Science | University of Waterloo

- Organized events to empower women & non-binary individuals in CS
- Managed and contributed to open-source WiCS Website
- Facilitated project management among 10 executives on GitLab

Undergraduate Teaching Assistant2017–present

Faculty of Mathematics | University of Waterloo

- Organized interactive learning seminars for Linear Algebra courses
- Devised, assigned, and marked quizzes and group projects

Co-Founder & Instructor2015–present

World Scholar Prep

- Built online education platform connected to Google Classroom used by hundreds of intermediate level Ontario students
- Managed finances, marketing, and curriculum of STEM programs

Applied Innovation Intern2015

Technology & Operations | Royal Bank of Canada

- Advised customer-facing technologies to incorporate at banks