Monica Xu

CS / BBA STUDENT

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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 Recipient 2017
Google && University of Waterloo
Awarded to select outstanding females in CS

Top Scholar 2016
York Region District School Board
Highest District-wide Average (100%) out of 15,000+ graduating students

Kalbfleish National Scholar 2016
University of Waterloo, Faculty of Math
For excellence in academics, Waterloo math contests, and extracurricular activities

Rewriting the Code Member 2017
Rewriting the Code Fellowship
For exceptional leadership and involvement as a woman in technology

Citizenship Award 2016
Government of Ontario

Certificate of Excellence 2016
City of Markham

🎓 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 | Loblaw 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

Chair ....2016—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 Assistant ....2017—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 & Instructor ....2015—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 Intern 2015
Technology & Operations | Royal Bank of Canada

- Advised customer-facing technologies to incorporate at banks