

Jenny Ma

EXPERIENCE

Microsoft

Program Manager Intern Current | Redmond WA

- Cultivated Excel Insights user onboarding process, spearheading team-wide user research, design, testing, and release efforts
- Independently led engineering dialogue by articulating spec requirements, success metrics, projected impact, and telemetry

SAP

Product Manager Intern Fall 2017 | Waterloo ON

- Oversaw data visualization tool implementation for SAP HANA user demo to 30,000+ users and global conferences
- Established sales training outline & evolved product objectives based on multi-temperature database market analysis

Autodesk

Cloud & Web App Developer Intern Winter 2017 | Montreal QC

- Implemented critical in-browser design functionalities for Fusion 360, 3D parametric modelling software in C++ & Javascript
- Developed DevOps stack to support continuous integration of a micro-service based architecture using Docker & Jenkins
- Streamlined user authentication experience by redefining database user-key generation and auth methods

Sun Life Financial

Distributed Apps Developer Intern Summer 2016 | Waterloo ON

- Developed internal database system for recording & managing clientele information, resolving 200+ user-submitted issues
- Managed & updated databases with SQL in Agile workspace

RESEARCH

Institute of Quantum Computing

Research Assistant Fall 2017 & Winter 2018 | Waterloo ON

- Automated Arduino-controlled high resolution tri-grating spectrometer: increased laser frequency detection accuracy and decreased software run-time by over 200%

LEADERSHIP

Hack the North Organizer

- Recruited 25+ North American companies and onboarded 400+ sponsor reps, raising 6-digit sponsorship for 1000+ hackathon

Engineering Society Director & Commissioner

- Served 6 directorships in 2 terms as primary point-of-contact for students & faculty, coordinating 15+ campus-wide events
- Led 6 directors in planning & execution of numerous events

CONTACT

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AWARDS

United Nations HeForShe IMPACT Award

1 of 2 UW engineering recipients recognized for community contributions & involvement

1st Place, 2012 Waterloo Computing Contest

Perfect score in non-syntactical contest on computational and logical problem-solving

Autodesk Applause Award

Recognized for outstanding dedication to Autodesk community initiatives & roles

Governor General's Community Service Award

EDUCATION

University of Waterloo

Bachelor of Applied Science

Computer Engineering

Minor in Combinatorics & Optimization

Exp. Graduation: Apr 2020

My current project

Self-teaching Python with social media data collection for generating heat-maps of trending news based on geographical location