JENNY MA

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EXPERIENCE

MICROSOFT

Program Manager Intern, Planner | 2019 Redmond WA
- Championing, from conception to delivery, 3 new feature roll-outs across Planner and Project on web, mobile, and desktop
  - Quarterly goal: increase user engagement metrics by **10%**
- Successfully coded most requested feature (8,000+ user asks) during week-long MS hackathon & led feature rollout & roadmap.

Program Manager Intern, Excel | 2018 Redmond WA
- Cultivated Excel Insights user onboarding process, spearheading team-wide research, design, testing, and release efforts
- Independently led engineering dialogue by articulating spec requirements, success metrics, projected impact, and telemetry

DEPARTMENT OF DEFENSE

Software Development Consultant | Current Remote
- Independently designing, scoping, and building pre-flight data planning & scheduling app across web & mobile devices
- Architecting NoSQL database, offline access, authentication, live updates, etc based on pilot pain-points for streamlined, intuitive UI

SAP

Product Manager Intern | 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 Software Intern | 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 authentication methods

INSTITUTE OF QUANTUM COMPUTING

RESEARCH

Research Assistant | 2017 & 2018 Waterloo ON
- Automated Arduino-controlled high-res tri-grating spectrometer: increased laser frequency detection accuracy, reduced software run-time by over **200%**

EDU

UNIVERSITY OF WATERLOO

Bachelor of Applied Science
Computer Engineering
Minor: Combinatorics & Optimization
Exp. Graduation: Apr 2020

TECHNOLOGY UNIVERSITY DELFT

Delft, Netherlands
Fall 2018, Exchange term abroad

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 computation, logical problem-solving

AUTODESK APPLAUSE AWARD
Recognized for outstanding dedication: Autodesk community initiatives & roles

GOVERNOR GENERAL'S
Community Service Award

ASK ME ABOUT...

SERIAL TRAVELLER
16 countries in 12 weeks

SERIOUS FOODIE
70,000+ food review views online

AVIATION GEEK
Future Concorde II pilot-in-training

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
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