

AMY TAI

Management Engineering 2022

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SKILL SUMMARY

Object Oriented Programming	Data Structures and Algorithms	Bootstrap	Javascript	Java	Git	
Eclipse	Visual Studio	Smart Technology	Visual Basic	HTML	CSS	R

WORK EXPERIENCES

Chartered Professional Accountant Intern, PepsiCo Foods Canada May 2018 – Aug 2019, Jan 2019 – Apr 2019

- Nominated for Coop Student of the Year based on successful implementation of over 10 major projects, ability to quickly grasp complex concepts and indomitable drive to perform.
- Documented and successfully transitioned 3 accounting functions from hard drives to online SharePoint sites with 60+ users that effectively communicated the critical findings of important reports in visual and simple-to-use dashboards.
- Developed effective models to analyze inventory fluctuations of over 7 million kilograms under tight time constraints that reengineered complex processes resulting in time savings of at least 10 hours every month.

Vice President of Operations, UWaterloo Entrepreneurship Society Sept 2018 – Apr 2019

- Reinvented the external engagement through establishing SMART goals supported by 6 operation coordinators hired by me.
- Ran 8 strategic and targeted entrepreneurial events with attendees from Laurier and across all 6 of Waterloo's departments.

Software Consultant, Privacy Horizon Apr 2018 – Sept 2018

- Built an MVP that streamlined and digitally automated their current processes in collaboration with senior company executives to effectively scale the start-up into additional organizations.
- Spearheaded the collection of user data to revamp the program that generated privacy law compliance reports and continuously iterated the program based on feedback and user needs.

PROJECTS

Smart Mug, Technische Universität Graz Feb 2019

- Developed a smart object using a self-created antenna, an Arduino board, and Python that stored user beverage preferences in a smart card in less than 6 hours with a team of international students.
- Awarded 1st Place in Smart Object Competition judged by Infineon senior executives.

Group Project Planning Tool, University of Waterloo Sept 2017 – Dec 2017

- Developed a platform using Visual Basic with a team of 6 students to assist future students with the planning and execution of group work to increase the overall productivity of team meetings and to increase effective team communication.
- Highest mark of 96% in the 90-student class.

EDUCATION

Candidate for B.A.Sc. in Management Engineering, University of Waterloo Sept 2017 – Present

- Academic Achievements: 4.0 cumulative GPA, First in Class Scholarship, President's Scholarship of Distinction
- Extracurricular and Volunteer Scholarships: Goulet Engineering Scholarship, EngSoc Leadership Excellence 1st Year

Smart Technology Best Course, Technische Universität Graz Feb 2019

- Academic Topics: Robotics and Smart Factory, Information Security, Internet of Things, Smart Cards, Digitalization
- Academic Grade: 98% composed of the Toyota Production System case study and the Smart Object competition

INTERESTS

Baking Banana Bread Muffins, Reading, Playing Guitar, Solving Puzzles, Swimming