

Emily Wang

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Experience

Autodesk | Product Manager

Sep 2021 - Present

- Optimizing workflows on Autodesk Build to enable seamless collaboration for construction field workers

Hack the North | Co-Director

Feb 2019 - Present

- Led a team of **40** students to organize the **world's biggest collegiate hackathon** twice
- Established the **vision** and **strategy** for the first virtual event and hybrid event
- Pioneered the first public event providing 40 workshops and talks with **10,000+ views**
- Managed engineering and design teams across **5 projects** with **38,000** monthly visitors
- Grew partnerships and oversaw fundraising to finance the event with a **\$XXX,XXX** budget

Transparent Kitchen | Product Manager

Jan 2021 - Apr 2021

- Oversaw launch and on-boarding of new 3D reservation product across **10 restaurants**
- Advocated and led shift to data-driven culture by defining **KPIs** and **setting up analytics**
- Conducted **20 external user interviews** to gather feedback and develop product roadmap
- Defined requirements for a new feature, enabling restaurants to **increase profits by 30%**

Transparent Kitchen | Full-Stack Developer

May 2020 - Aug 2020

- Developed and launched restaurant ordering app from scratch used by **80+ restaurants**
- Collaborated with design team to engineer customizable menu interfaces using Vue.js

TD Lab | Software Developer

Sep 2019 - Dec 2019

- Collaborated with designers and bizops to design and build student budget calculator
- Shipped product with **200+ users** in the first month and iterated through user feedback
- **Gained buy-in** from company leadership to build production version for td.com

Pivotal (VMware) | IT Engineer

Jan 2019 - Apr 2019

- Identified pain points in onboarding workflow and deployed OS images with custom bash scripts to **reduce equipment set-up time by 50% for 200+ machines**
- Led team in raising **\$22,000** for charity through organizing IT equipment auction

Hyperloop Design Team | Sponsorship Lead

Sep 2018 - Jan 2019

- Executed **\$43,000** Kickstarter campaign to fund the building of Hyperloop pod for the SpaceX competition by fulfilling rewards for **500 backers**

Projects

Music Trends Visualizer | Side Project [🔗](#)

Mar 2021

- Visualized trends of musical elements of top songs in Tableau with data from Spotify's API

Paper Crane Cards | Side Business [🔗](#)

May - Jul 2020

- Started online store selling hand drawn cards generating \$350 in revenue with portion of proceeds going to charity

Education

University of Waterloo

Systems Design Engineering
2018 - 2023 | 3.9 GPA

Relevant courses

Algorithms, Databases, Needs Analysis and Prototyping, Human Factors in Design

Skills

Tools

Jira, Confluence, Tableau, Mixpanel, Figma, Sketch, Gitlab

Languages

Python, JavaScript, TypeScript, C++, SQL, HTML/CSS

Technologies

Vue.js, React, Node.js, Flutter, Git

Awards

Ontario P. Engineers | 2020

Undergraduate Scholarship,
2/3000 students

HackUofT | 2019

Best Use of IBM's Watson

University of Waterloo | 2018

President's Scholarship of
Distinction

The Governor General's | 2018

Academic Medal, 1/400 students

John Fraser S.S. | 2018

Principal's Award for Leadership,
1/400 students