

# twinkle mehta

systems design engineering '22, university of waterloo

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## skills

**languages** Go, Python, Ruby on Rails, C++, Java, Javascript, React, SQL, MS Kusto Query Language

**tools & services** Git, Docker, GCP Compute Engine, Microsoft Azure Linux Virtual Machines, GSuite, Office

**product** Data Analysis, Competitive Research, User Interviews and Testing, Growth Hacking, Jira

## experiences

**Shopify | Toronto, ON**

4 months

*Production Engineering Intern*

*Sept '20 - Present*

- Learning in **Go**, **Kubernetes** and **GCP** to help Shopify to scale massively, while delivering resilience and performance everyday!

**Microsoft | Seattle, WA**

8 months

*Product Management Intern*

*Jan '20 - Apr '20*

- Analyzed the Azure Linux Virtual Machine customer acquisition pipeline through **data analysis**, **customer interviews** and short term **growth experiments** to identify improvements in VM creation, performance and overall platform usability.
- Collaborated with engineers to design and execute an experiment for 800+ users testing a one-click VM deployment experience and analyzed results to estimate significant losses in Azure Consumed Revenue (ACR) due to leaks in pipeline retention.

*Software Engineering Intern*

*May '19 - Aug '19*

- Developed and designed technical specifications to create a diagnostics tool for Microsoft Power Platform (CRM Software). Created and accessed Kusto Database APIs and led the development of all frontend functionalities using **React** and **Typescript**.
- Stacktrace view for platform error diagnostics is projected to decrease support ticket volume by 25% and increase NPS by 7 pts.

**Flipp | Toronto, ON**

4 months

*Software Engineering Intern*

*Sept '18 - Dec '18*

- Engineered efficient algorithms and optimized existing script runtimes to ingest and update over 3 million items from American and Canadian retail clients on Flipp's mobile and desktop application. Led development of CSV parsers and web scrapers in **Ruby**.

**RBC Innovation | Toronto, ON**

4 months

*Software Developer Intern*

*Jan '18 - Apr '18*

- Developed **Python** scripts to automate content updates on RBC FutureMaker's website, increasing overall site engagement by 25%. Conducted current state analysis on women within Technology & Operations sector to improve diversity and inclusion strategies.

## community

**Tech+ Mentorship Program, Co-Director**

*Sept '20 - Present*

Mentorship program providing resources to students in need in order to cultivate and improve diversity in UW's tech community.

**University of Waterloo Women in STEM, President**

*May '18 - Sept '20*

Empowering, educating and connecting over 1000+ active women across UW through opportunities for professional development.

**Women Who Code Seattle, Content Lead**

*May '19 - May '20*

Joining technologists to bring change to the industry for women engineers by providing learning and enrichment opportunities.

## achievements

2020 **Winner**, Hack The Month: Health & Technology Challenge

2018 **Winner**, \$5,000 CryptoChicks Blockchain Hackathon Award

2017 **Recipient**, \$70,000 TD Scholarship for Community Leadership

## projects

**TransVision:** Led user research, design process and prototyping for clinic EMR to instrument data transmission software. [Website](#)

**Blockbox Insights:** Product lead for Blockchain-based software providing secure, anonymous retail insights. [Whitepaper](#) [Demo](#)

**Chat Server:** Developed go routines to create client and server interaction and was deployed on GCP Virtual Machine. [Project](#)