

# JENNIFER CHEN

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## SKILLS

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Languages:	Python, Javascript/Typescript, C++, HTML, CSS, SQL
Frameworks/Tools:	Docker, Airflow, React, Django, Flask, AWS, PostgreSQL, MongoDB
Project Management:	Jira, ClickUp, Leadership, Time Management, Collaboration

## WORK EXPERIENCE

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<b>Scotiabank</b> <i>Software Engineering Intern (Innovation)</i>	Toronto, Ontario Jan 2021 - Present
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- Creating application for auto-financing car loans using React, NodeJS, Express
- Implementing unit tests using Jest and Enzyme, ensuring statement coverage of over 80%
- Prototyping continuous integration and deployment pipeline with Jenkins and Docker to allow the team to easily generate and test MVPs for new innovation products

<b>The Globe and Mail</b> <i>Data Engineering Intern</i>	Toronto, Ontario May 2020 - Dec 2020
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- Led refactor of natural language processing product across 5 microservices: created Airflow jobs for better maintainability and added support for multi-tenancy
- Standardized unit testing conventions, improved testing code coverage for Python application from 20% to 90%; introduced integration testing pipeline in Jenkins to ensure quality code
- Introduced logging and alerts in Datadog across the application's 6 Spring Boot microservices

<b>Ratio.City</b> <i>Software Engineering Intern</i>	Toronto, Ontario Sept 2019 - Dec 2019
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- Used Docker to standardize local development environment for front end and backend application, decreased onboarding time from 8 hours to 15 minutes
- Created backend (Django, PostgreSQL) and frontend (Angular) for new module, used as a proof-of-concept to support the company's geographic expansion to Vancouver
- Launched and maintained internal sales metrics dashboard on Superset (AWS), increased customer success effectiveness by 75%

## PROJECTS

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<b>Insightful Meetings</b> <i>Google Cloud, Microsoft Azure, Python Flask, ReactJS</i>	Hack the 6ix 2020
Developed web app to parse meeting recordings and create transcript, summary and sentiment analysis	

<b>SQueue</b> <i>React Native, Python Flask</i>	ScotiaHacks 2020
Created iOS/Android mobile app to implement queueing system branch customers; chosen to participate from over 300 applicants, awarded for Best Prototype of 11 participating teams	

<b>Travel.io</b> <i>HTML, CSS, jQuery, Google Cloud Platform, Python</i>	Hack Western 2019
Developed group vacation planning software that allowed for real-time collaboration	

## EXTRACURRICULARS

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<b>Waterloop</b> <i>Technical Project Manager</i>	Sept 2018 - Present
Leading over 80 members across 20 projects in developing a scalable full-scale hyperloop pod by 2025	

<b>Google Developer Student Club</b> <i>Waterloo Lead</i>	Sept 2020 - Present
Building up the Waterloo DSC Chapter, engaging students in over 10 events	

## EDUCATION

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<b>University of Waterloo</b>	Waterloo, Ontario
Bachelor of Applied Science Systems Design Engineering <i>GPA: 3.9</i>	2018 - 2023 (Expected)
Term Dean's Honor List 2018-2020	
Relevant Coursework: Data Structures and Algorithms, Digital Computation, Human Factors in Design	

## INTERESTS

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Travelling, Running, Taekwondo, Dance