# Michelle Wong

Systems Design Engineering

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## EXPERIENCE

### Front-End Engineer

*SnapTravel*, Toronto, ON                                        2019

- Built new features for a **React** app, with 2 million+ users, to improve the mobile & desktop user experience
- Collaborated with designers to create cost-effective designs for A/B testing
- Led biweekly sprint retrospective to produce action items for improving team efficiency and communication

### Front-End Developer

*Intrigue*, Guelph, ON                                        2018

- Created a responsive **React** app that cleanly presents data to clients to improve transparency between clients and the business
- Developed the front end for new features of a web app used company-wide for client work, using **JavaScript**
- Remodelled the front end of and added new features to a client-facing ticket management web app

### Custom Output Developer / Data Science Intern

*Nulogy,* Toronto, ON                                        2017

- Coded customer-facing labels and documents using **HTML/CSS/ERB**
- Retrieved data from a PostgreSQL database through 40+ **SQL** queries for metrics that predict customer success
- Automated data retrieval and compilation into Excel with an **R** script to evaluate customer success in a given period

### Junior Technical Systems Analyst

*Royal Bank of Canada*, Mississauga, ON                    2017

- Designed and prototyped **UX/UI** for a mobile travel insurance application adopting Agile development
- Created easily recognizable user interface icons with **Adobe Illustrator**
- Maintained software changes and deployed code using Endevor, CA Harvest, Jenkins, and IBM UrbanCode Deploy

## SKILLS

### Languages

- JavaScript
- Sass
- Ruby
- Java
- R
- HTML & CSS
- Python
- SQL
- C++

### Tools

- React
- Jest
- Git
- JIRA
- Illustrator
- Photoshop
- JSS
- Storybook
- Material-UI
- Bootstrap
- Visual Studio

## PROJECTS

**Wanderloo**, Front-End Developer
2017

- Designed and developed a web application that produces a customized running route based on user preference in the Waterloo region in **HTML/CSS** & **JavaScript**

**Foodbot**, Developer
2019

- Created a chatbot that suggests recipes based on desired ingredients with **DialogFlow** and a **NodeJS**-based webhook

## INTERESTS

Personal fitness, travelling extra far to try food, books, TV shows, music