## JOTHIKA SUNDARAM





613 - 979 - 8818

#### Work Experience

#### Database Intern - Reserv

07/2020 - 08/2020

Firebase

NoSQL

- Created and managed database side of a restaurant reservation mobile application by implementing a NoSQL database
- Optimized data relations for user account data and restaurant data, resulting in efficient query selection

# Part Time Sales Associate - Justice Tween Brands

08/2020 - Present

- Engaged with customers and developing customer-employee connections, resulting in increased sales by at least 10%
- Attended to customer concerns, questions and needs, with clear communication and empathy, increasing overall customer satisfaction
- Resolved customer disputes by efficiently processing exchange and returns transactions, reducing customer frustration and improving the likelihood the client would return in the future.

#### Community

#### Mentor - Technolgap

06/2020 - Present

- Member and mentor of a women-in-computer-science community at Carleton University
- Guide incoming first year women in Computer Science as a Mentor by sharing resources, opportunities for internships, and support, resulting in more first year student involvement within the community
- Host workshops and panels involving academic advice and developing skills for the tech industry

## Passion Projects

#### **Toronto Venue Data Analysis**

05/2020

Python Pandas

Jupyter Notebook

Foursquare API

- Applied exploratory data analysis of how the different categories of venues are spread across the boroughs of Toronto by grouping data using K-Means Clustering algorithm to segment locations based on most popular venues.
- Results of this project aimed to help startup companies find an ideal location to open a branch catered to their local customers and surrounding venues.

#### Money Manager

12/2019 - Present

Python

Google Sheets API

- An application to keep track of user's income and expenses over time, perform other calculations for statistical purposes.
- Implemented Google Sheets API to store data in a spreadsheet resulting in easy categorization and summary of income, spending and other reports.

#### Education

#### Bachelor's of

Computer Science - Carleton University

09/2019 - 04/2023

Ottawa, ON

Concentration in Internet Security. Minor in Statistics CGPA 11.5 / 12.0 (A+)

#### Certifications

#### **IBM Data Science Specialization**

Earned 05/2020 | No Expiry

 Developed skills in exploratory data analysis, building data models and using machine learning algorithms

## Diplôme d'Études en Langue Française B1

Earned 06/2019 | No Expiry

Earned for developing intermediate level fluency in written and oral French

#### **Programming Languages**

Java Python HTML / CSS

Javascript node.js SQL

#### Tools

Git Jupyter Notebook

Firebase Django Figma

#### Skills

Object Oriented Programming

Data Structures Data Science

Relational Databases Hardware

#### Interests

Web Development Front End

Back End Cybersecurity

Databases Data Analysis

Algorithms Machine Learning