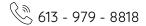
OTHIKA SUNDARAM







Education

Bachelor's of Computer Science - Carleton University

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

Sept/2019 - May/2023 Ottawa, ON

Work Experience

Database Intern - Reserv

July/2020 - Aug/2020 Remote

Firebase NoSOL

- Worked remotely with Montreal-based startup to develop a restaurant reservation mobile application.
- Architected a NoSQL database using Firebase as the backend, allowing easy integration and shallow querying for the application.
- Optimized data relations for user account data and restaurant data, resulting in efficient query selection.

Part Time Sales Associate - Justice Tween Brands

Aug/2019 - Aug/2020 Ottawa. ON

- 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

Community

Mentor / Web Design - Technologap

June/2020 - Present Ottawa, ON

Figma

- Member of a women-in-computer-science community of over 100 women at Carleton University, creating opportunities to connect, develop and share resources.
- Designed web pages by collaborating with our web design team using Figma to develop our brand and platform for this community.
- Mentored first year women in Computer Science by providing foundations for university level computer science concepts, resulting in increased first year student involvement within the community as they navigate through university.

Passion **Projects**

Toronto Venue Data Analysis

Jupyter Notebook Python Pandas Foursquare API

HTML / CSS

Front End

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

Money Manager

Java

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.

Programming Languages + Tools

Git Jupyter Notebook Object Oriented Programming

Python

Firebase Data Structures Data Science

Relational Databases

Interests

Skills

Data Analysis

Machine Learning

API's