JOTHIKA SUNDARAM

✉ jsund301@gmail.com

📞 613 - 979 - 8818

➤ jo-sundaram.github.io

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`