

KAVYA ARUN

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SKILLS

Languages: C/C++, Python, JavaScript, SQL, TypeScript, HTML/CSS, UML, MATLAB

Frameworks/Libraries: AngularJS, Node.js, React, jQuery, Pandas, NumPy, Matplotlib

Tools/Databases: Git, Firebase, Bitbucket, VS Code, JIRA, Confluence, IntelliJ, CLion, SolidWorks, PlantUML

Product: Figma, Prototyping, Wireframing, User Stories, User Flows, User Personas

EDUCATION

University of Waterloo

Waterloo, Ontario

Systems Design Engineering, BSc. Candidate

2020 – 2025

- 3.83/4.00 cGPA (89.8%) - 1st Year – Dean's Honour List 1A
- **Elected SYDE Academic Class Rep:** The main liaison between 100+ classmates, professors, and SYDE Admin

EXPERIENCE

Systems Engineer Intern

Sept 2021 - Dec 2021

Deloitte

Toronto, Ontario

- Worked on a highly confidential client project in the **Middleware Integration Design** team, creating technical **API** requirements and developing **sequence diagrams** using **PlantUML** in the process between various data layers
- Created **user stories**, API specs, and integration apps to develop a customer-facing digital application
- Streamlined financial processes, increasing efficiency by over **50%** by developing scripts with **Pandas** and **Numpy**
- Developed financial models to conduct **margin improvement analysis** for numerous top **multi-million** dollar portfolios, additionally developed a forecast model using **Python**

Software Developer Intern

Jan 2021 – Apr 2021

RBC Technology & Operations

Toronto, Ontario

- Utilized **Angular**, **TypeScript**, **NodeJs**, and **HTML/SCSS**, to update and create the online banking page, while implementing **Jasmine** and **Jest** tests, for an increasingly secure and seamless banking experience
- Used the **SDLC**, including **Agile** methodology, to develop the Manage Authorized Users and Pay with Points features on RBC's online banking application, for a more user-friendly experience
- Took on **leadership** roles to conduct weekly socials, led **sprint reviews** and collaborated with **Product Owners** and Team Leads to determine features of the **RBC Rewards Card product**

Front-End Developer Intern

Jun 2020 – Aug 2020

Kenna

Mississauga, Ontario

- Designed and remodeled **60** e-newsletter publications and existing web applications to become dynamic on all platforms using **HTML/DHTML**, **CSS**, **JavaScript**, and **jQuery**
- Automated and debugged various processes to increase the efficiency of web applications using **LotusScript** and **jQuery**, while merging production code release branches through **Git**, and modified data entries using **MS-SQL**

Business Development Manager

Sept 2021 – Present

180 Degrees Consulting

Waterloo, Ontario

- Managing and retaining **client relationships** at the world's largest **consultancy** for non-profits

PROJECTS

Wanderlust 🌀

Sept 2021

React, JavaScript, Firebase, Firestore, Material-UI

- Built a responsive **React** web application, and used **React Router Hooks** such as **useHistory** to access state of the router and navigate through components.
- Used **history and state hooks** along with **firebase data snapshot** to store/retrieve data in **firestore** to display to the user

Data Science Challenge 🌀

Nov 2021

Pandas, NumPy, SQL

- Utilized **Pandas**, **NumPy**, and **Matplotlib** libraries to write a program that removes outliers from a large data set, and calculate the IQR to accurately analyze the data.
- Used **SQL** queries including **Select**, **Count**, **Group By**, and **nested Joins**, to analyze given data set