

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, Cloud Firestore, Bitbucket, PlantUML, VS Code, JIRA, Confluence, IntelliJ, CLion, SolidWorks

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 Administration
- Relevant Courses: Data Structures and Algorithms, Digital Computation (**C++**), Entrepreneurial Planning and Execution

EXPERIENCE

Systems Engineer

Sept 2021 - Dec 2021

Deloitte

Toronto, Ontario

- Working on a highly confidential client project in the Integrations **Middleware Architecture Design** team, using **UML** and developing **sequence diagrams** in the process
- Assisting clients with all phases of the software lifecycle, as well as providing advisory and transformational services
- Driving technological change in developing end to end technology delivery capabilities, and streamlining internal processes, increasing efficiency by over **50%** by developing **Python** scripts with **Pandas** and **numpy**

Software Developer

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**, and **Waterfall** methods, 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**, and how the points system can be implemented digitally

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
- Increasing client base through **market research** and developing **growth strategies** for the UW chapter

Web Application Developer

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**
- Worked on **QA** Tasks through **SQL** Database and modified data entries using **MS-SQL**

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 🌐

May 2021

Shopify

- 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