KAVYA ARUN

📞 4375805820 | ✉ karun@uwaterloo.ca | 💼 kavya-ar | 🐙 kavyaarun11 | 🌐 kavyaarun.com

SKILLS

Languages: C/C++, Python, JavaScript, SQL, TypeScript, HTML/CSS, MATLAB
Frameworks/Libraries: AngularJS, Node.js, React, jQuery, Pandas, NumPy, Matplotlib
Tools/Databases: Git, Firebase, Cloud Firestore, Bitbucket, Jenkins, VS Code, JIRA, Confluence, IntelliJ, CLion, SolidWorks

EDUCATION

University of Waterloo   Waterloo, Ontario
Systems Design Engineering, BASc. 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 Systems Design Engineering Administration
- Relevant Courses: Data Structures and Algorithms, Digital Computation (**C++**), Entrepreneurial Planning and Execution

EXPERIENCE

Systems Engineer   Sept 2021 - Dec 2021
Deloitte   *Toronto, Ontario*
- Assisting clients with all phases of the software lifecycle, as well as provide advisory and transformational services
- Driving technological change to 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

Workshop Director   Apr 2021 – Present
Google Developer Students Club   *Waterloo, Ontario*
- Worked with the UWaterloo DSC Team to plan the **logistics** and content of technical workshops
- Prepared resources and content for workshops including: Technical Interview Workshop, Web Development Workshop, and Capstone Event

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