

# Anirudh Kalia

Computer Science @ University of Toronto

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## EDUCATION

### BSc. Computer Science

University of Toronto

09/2019 - 08/2021

Toronto

Relevant Coursework

- Data Structures, Algorithms Analysis, Object-Oriented Design, Relational Databases, Design Principles, Web Development, Digital Logic, Systems Programming, Artificial Intelligence

## TECHNICAL SKILLS

**Languages** HTML/CSS, Javascript, Python, Java, SQL, C

**Technologies** React.JS, Node.JS, Django, GraphQL, PostgreSQL, Android Studio, Git/GitHub/Bitbucket, CI/CD

## WORK EXPERIENCE

### Full Stack Developer Intern

WOWA Inc.

01/2021 - 08/2021

Toronto, CA

Achievements/Tasks

- Practiced **AGILE principles** by working alongside experienced engineers in a fast paced development team.
- Designed and implemented **30+ financial tools** related to real estate using **React**, **Next.JS**, and **Typescript**
- Implemented 8 maps using **React-Simple Maps**, **Tailwind**, **VisX**, and **Recharts** for data visualization
- Contributed to an increase in site traffic from **558** to **11,538 visitors/month** due to effective implementation of financial tools
- Implemented **6 web scrapers** using **Javascript** to scrape different financial data and convert into **JSON** using **Puppeteer** and **Cheerio**

### Software Engineer Intern

IRIS

05/2019 - 10/2019

Oakville, CA

Achievements/Tasks

- Responsible for building a brand new UI for IRIS' user file upload system used for their Smart Cities Project
- Learned and implemented **Vue.JS**, **Node.JS**, and **AWS** to create a full stack system for uploading large video files into a S3 bucket
- Learned and Implemented a REST API to handle file upload to an **AWS S3** bucket

## PROJECTS

Rotman Commerce Fin-Tech Association (RCFTA) (03/2020 - 08/2021)

- Responsible for making a web trading dashboard made in Vue.js and used a front-end library called **Vuetify** along with libraries like **Vue-Router**, **Axios**, and **VueX** used by **500+ users**.
- Developed several automated **ETF Trading** algorithms using **Python** and worked with **Pandas** data structures
- Deployed project on **Firebase**, and implemented authentication with **Firebase Authentication**, along with implementing a user management system using Firebase
- Implemented a trading dashboard on a mobile app for Android and IOS using **React Native**