

ANISH SEENIRAJ

COMPUTER SCIENCE AND FINANCE
UNIVERSITY OF WATERLOO

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SUMMARY OF QUALIFICATIONS

- **Web Development** - HTML, CSS, JS, NodeJS, MongoDB, SQL, ReactJS, Bootstrap, SemanticUI, jQuery, Express
- **General Programming** - C, C++, Scheme
- **Data Science/Machine Learning** - Python, Octave, MATLAB
- **Android Development** - Flutter, Dart
- **Tools** - Git, Github, Heroku, MongoDB Atlas, Google Analytics, FB Marketing
- Well-developed **time management, project management, teamwork, leadership, and problem solving skills** as a result of having led numerous clubs and competitions

EDUCATION

Candidate for Bachelor of **Computing and Financial Management**
University of Waterloo - Sep 2019 - Present

LEADERSHIP & AWARDS

- **President's Scholarship of Distinction** - Received a \$2000 scholarship as a result of having an entrance average of 95+
- **Sponsorship Director (UW FinTech Club)** - Established sponsor relations with other student run clubs and managed technical events run on campus along with other club executives
- **Model UN Student Coordinator** - Trained and led a team of 15 students in a Model UN conference and secured the best Foreign Policy Statement (documentation) award
- **President - Asian Regional Space Settlement Design Competition** - Led a team of 12 to furnish and present a 40 page project proposal based on given requirements and secured second place

PERSONAL PROJECTS

Password Manager

RESTword | Waterloo, Canada (Jan 2020)

- Designed and built a RESTful password manager application and deployed with Heroku - MongoDB Atlas (cloud database)
- Implemented user authentication to facilitate the management of passwords for multiple user accounts simultaneously
- Leveraged web technologies such as HTML, CSS, JS, Mongoose, Node, and PassportJS to build the application

C2C Platform

Apartment Sale - Landing Page | Chennai, India (May 2019)

- Marketed and managed customer relations for an apartment sale by coding a landing page and incorporating Google Analytics
- Accelerated the generation of \$80,000 CAD revenue for my dad's business by maintaining upwards of 300 leads a day and converting them to a sale
- Tech stack - HTML, CSS, Bootstrap, Google Analytics, Facebook Marketing

Machine Learning

Regression & Classification | Chennai, India (May 2019)

- Wrote the linear regression algorithm from scratch to predict systolic blood pressure as a function of age
- Applied multivariate logistic regression to predict whether a star is pulsar or not based on 8 astronomical features
- Used Octave (MATLAB) to implement the algorithms

Text-Based Game

Grade XII Final Project | Chennai, India (Jan 2019)

- Built a text-based adventure game with over 20 game states by implementing Object Oriented Programming concepts
- Integrated binary file handling to maintain game save states and keep a log of the player's activity
- Language & Tools - C++, draw.io (flowchart of game states)

HACKATHONS

StarterHacks 2020

University of Waterloo | Jan 2020

- Assisted a group of 5 in building a personal assistant web application
- Worked on the back-end routing of the application with NodeJS and enhanced the UI/UX elements with Figma