Haris Malik

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Education

Bachelors in Computer Science Specialist | Software Engineering Stream *Sep 2021 – Apr 2025*
University of Toronto
Lester B. Pearson Scholar
*Full-ride scholarship award for top **37** international students from across the global valued at approx. **$400,000***

Skills Summary

Languages: Python | HTML | CSS | JavaScript | C | C++ | C# | Java | Swift | TypeScript
Frameworks: Django | NodeJS | NextJs | React | ReactNative | Angular JS | Bootstrap
Tools: GIT | PyCharm | Jupiter | AS | XCode | VS | Eclipse
Databases: SQL, JSON **Cloud:** GCP (IPR) | Azure (IPR)

Technical Projects

CarItIn | GitHub ***Sept 2022 – Present***
Machine Learning Architect

- Designed a polynomial regression model in Python using **5** features of a vehicle to predict the car's market price
- Using mileage, brand, colour, year, and location of the vehicle, training the model with a manually compiled data of **700** cars
- Working on enabling the **API** of Kijiji Autos to get a minimum of **50,000** listings to train the model and reducing the error cost by implementing gradient decent with a smaller learning rate

HealthCan | Video, GitHub ***Sept 2022 – Oct 2022***
Front-End Developer

- Built an android application using **Java/Kotlin** in Android Studio with a team of **6** developers to solve the inefficiencies in the Canadian healthcare system estimated at **$100 billion** over the next decade
- Shaped the Patient Side Interface including additional features like text-to-speech and text enlargement for approx. **5,000,000** people with visual and hearing difficulties
- Peer reviewed the code of **3** teammates with unit testing to improve efficiency by **2x** and ensure **90-95%** desired functionality
- Filmed a **4-minute** demo video showing a real-life use case of the application by highlighting the centralized health data and record system that improves efficiency of scheduling and booking appointment at nearby clinics by **1.5 - 2x**

Course Projects | GitHub ***Sept 2021 – Aug 2022***

- **GRAFFIT**: Programmed a social media network called GRAFFIT where users keep track of friends, and the brands users are interested in using graph network in C
- **Trees Everywhere**: Used the Binary Search Tree functionalities like, insertion, deletion, tree modification, and searching to implement an image analysis tool called Quadtree in C
- **Turtle Graphics**: Implemented all the standard functionality of the linked list and developed a function that takes the current list of commands and executes to produce an image to display in C

Experience

President, Residence Council, **University of Toronto** ***Sep 2021 – Apr 2022***

- Led the council responsible for planning and hosting activities for **720** students living in residence
- Successfully planned and hosted **2** online and **4** in-person events with an average attendance of **150-160** students
- Efficiently utilized the **$25,000** budget by conducting activities based on students' ideas and input to the council as a result received a **4.5/5** overall rating in survey **207** students at the end of the term
- Successfully met all the audit exemption requirements and secured **100%** budget transfer for next year's council

Licenses

Machine Learning Specialization by Stanford University and DeepLearning.AI at Coursera ***Sept 2022 – Oct 2022***

- ***3**-Courses Specialization including Supervised and Unsupervised Learning, Advanced Algorithms, and Reinforcement Learning*

Front-End Development Profession Certificate by META at Coursera ***Aug 2022 – Present***

- ***9**-Courses Certificate including Advance React, HTML, CSS, JavaScript, Version Control, UI/UX Design, and F-End Developer Capstone*

Back-End Development Professional Certificate by META at Coursera ***Oct 2022 - Present***

- ***10**-Courses series certificate including Cloud Computing, Django Framework, APIs, Back-End Developer Capstone and Databases*