

Farhan Ali Rahmoon

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TECHNICAL SKILLS

☁ Back End	Python, C, C++, Java, Node.js, Assembly Language (x86-64)
🖌 Front End	HTML, CSS, JavaScript
⚙ Artificial Intelligence	PyTorch, NumPy, Matplotlib, Pandas, Seaborn
🗄 Database Systems	MySQL, SQLite, PostgreSQL, MongoDB
💻 Environments	PyCharm, Visual C++ Express, IntelliJ, Visual Studio Code

PROJECTS

Gusty Stocks – Python	Jan 2021 - Present
<ul style="list-style-type: none">Designed and engineered a modern desktop app to display real-time financial data and newsDeployed to Python Anywhere (cloud service), granting easier access to multiple users	
Taxi Fare Prediction – PyTorch, NumPy, Pandas	Dec 2020 - Present
<ul style="list-style-type: none">Designed and developed a taxi app built using machine learning and deep learning techniquesAnalyzed and evaluated the past 60,000 taxi records to build an Artificial Neural Network	
Navigation System – C++	Oct 2020 - Jan 2021
<ul style="list-style-type: none">Navigation System allows the user to find the most effective route within British ColumbiaAchieved memory optimization through the use of the best data structures and algorithms	
Foodie Hub – HTML, CSS, Node.js, MongoDB	Aug 2020 - Dec 2020
<ul style="list-style-type: none">Utilized modern technologies such as EJS, Node.js, and MongoDB to build a robust codebaseProfessional website allows users to add restaurants and products; users can leave reviews	
Gusty Games - Python	Jul 2020 - Sep 2020
<ul style="list-style-type: none">Utilized the turtle graphics module to develop games (Retro Snake, Ping Pong, Turtle Racing)Created visually stimulating and delightful UI designs to entice more players	

WORK & VOLUNTEER EXPERIENCE

Coding and Robotics Instructor , Robokids, Burnaby, BC	April 2021 - Present
<ul style="list-style-type: none">Assist the youth (ages 10 to 14) in learning various programming concepts using PythonAttend weekly meetings to discuss the lesson plan and content material	
Community Leader – Data Science Society , Simon Fraser University	Feb 2021 - Present
<ul style="list-style-type: none">Work with a team to plan data science events for the communityProvide remote technical assistance to students requiring help with Python	
IT Squad Member , Fraser International College, Vancouver, BC	Jan 2021 - Present
<ul style="list-style-type: none">Maintain computers, printers, projectors, and photocopiers in-personSupport students remotely, including activating Computing IDs and accessing resources	

EDUCATION & TECHNICAL COURSES

Bachelor of Computer Science , Simon Fraser University, Burnaby, BC	Jan 2020 - April 2024
100 Days of Code – The Complete Python Pro Bootcamp , by Angela Yu, Udemy	Dec 2020 - Present