

# 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

|   |                     |
|---|---------------------|
| <b>Gusty Stocks</b> – Python  | Jan 2021 - Present  |
| <ul style="list-style-type: none"><li>Designed and engineered a modern desktop app to display real-time data and news</li><li>Deployed to Python Anywhere (cloud service), granting easier access to multiple users</li></ul>                 |                     |
| <b>Taxi Fare Prediction</b> – PyTorch, NumPy, Pandas  | Dec 2020 – Present  |
| <ul style="list-style-type: none"><li>Designed and developed a taxi app built using machine learning and deep learning techniques</li><li>Analyzed and evaluated the past 60,000 taxi records to build an Artificial Neural Network</li></ul> |                     |
| <b>Navigation System</b> – C++  | Oct 2020 – Jan 2021 |
| <ul style="list-style-type: none"><li>Navigation System allows the user to find the most effective route within British Columbia</li><li>Ensured memory optimization for efficiency purposes</li></ul>  |                     |
| <b>Foodie Hub</b> – HTML, CSS, Node.js, MongoDB   | Aug 2020 – Dec 2020 |
| <ul style="list-style-type: none"><li>Utilized modern technologies such as EJS, Node.js, and MongoDB to build a robust codebase</li><li>Professional website allows users to add restaurants and products; users can leave reviews</li></ul>  |                     |
| <b>Gusty Games</b> - Python   | Jul 2020 – Sep 2020 |
| <ul style="list-style-type: none"><li>Utilized the turtle graphics module to develop games (Retro Snake, Ping Pong, Turtle Racing)</li><li>Games contain attractive visualizations to invite more players</li></ul>                           |                     |

## WORK & VOLUNTEER EXPERIENCE

|  |                    |
|--|--------------------|
| <b>Community Leader</b> – Data Science Society, Simon Fraser University  | Feb 2021 - Present |
| <ul style="list-style-type: none"><li>Work with a team to plan data science events for the community</li><li>Provide remote technical assistance to students requiring help with Python</li></ul>                        |                    |
| <b>IT Squad Member</b> , Fraser International College, Vancouver, BC   | Jan 2021 - Present |
| <ul style="list-style-type: none"><li>Maintain computers, printers, projectors, and photocopiers in-person</li><li>Support students remotely, including activating Computing IDs and accessing resources</li></ul>       |                    |
| <b>Store Associate</b> , Wal-Mart, Vancouver, BC   | Aug 2020 - Present |
| <ul style="list-style-type: none"><li>Greet and assist customers, price check items, and organize store shelves</li><li>Achieved <i>Shining Star of the Month Award</i>, recognizing dedication and commitment</li></ul> |                    |

## EDUCATION & TECHNICAL COURSES

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|--|-----------------------|
| <b>Bachelor of Computer Science</b> , Simon Fraser University, Burnaby, BC               | Jan 2020 – April 2024 |
| <b>100 Days of Code</b> – The Complete Python Pro Bootcamp for 2021, by Angela Yu, Udemy | Dec 2020 - Present    |