

Farhan Rahman Khan

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🎓 Education

Bachelor of Science – Major in Computer Science

Memorial University of Newfoundland

2021 – Present

- Recipient of \$12,000 International Undergraduate Student Scholarship

⚙️ Skills

Programming Languages Python, Java, JavaScript, C, C++, C#, R, HTML, CSS, SQLite

Development Tools pandas, TensorFlow, scikit-learn, openCV, , unittest, Git, GitHub, Agile, Unity, Autodesk Maya, Blender

IDEs Visual Studio Code, BlueJ, PyCharm, Eclipse, IntelliJ IDEA, Jupyter Notebook

Professional Competencies Teamwork, Leadership, Adaptability, Creativity, Attention to Detail

🔗 Projects

GestoVision

Academic Group Project

Fall 2023

- A real-time Python application for ASL hand gesture recognition, employing scikit-learn for model training with a Kaggle dataset.
- Utilized MediaPipe for accurate landmark mapping with live hand detection.
- Applied pre-processing and image manipulation to the captured livefeed through OpenCV.

BOB

Personal Group Project

Summer 2023

- Bob is a ChatBot built in Python with Tkinter for a sleek GUI and NLTK for advanced natural language processing.
- Integrates real-time data for up-to-date cybersecurity information and awareness.

Can't Stop!

Academic Group Project

Winter 2023

- Developed an object-oriented game in Java iteratively, maintaining the use of use case scenarios and sequence diagrams.
- Implemented OOP principles (polymorphism, encapsulation, abstraction), which played a significant role in the project's success.
- Collaborated on a cohesive and low coupled code, and designed AI players with levels of difficulties.
- Authored a comprehensive document detailing prospective networking components for the project.

Portfolio Website

Personal Project

Summer 2023

- Designed and developed a portfolio website detailing my skills, projects and accomplishments using HTML, CSS and JavaScript.

💼 Experience

Research Assistant

Memorial University of Newfoundland

May 2023 – Aug 2023

- Supported communication and documentation of a musical/dramatic work in a team of 7.
- Assisted with social media content creation and dissemination resulting in 100% seat occupancy during the premiere.

Server

Gingergrass

Apr 2023 – Present

- Managed transactions and food service for 14 tables up to 46 customers, emphasizing customer satisfaction and food safety.
- Performed regular inventory checks, managed sales stats and tracked down leaks increasing overall profit by 10%.

Bartender / Server

Grapevine and The Rose & Thistle

Jul 2023 – Present

- Prepared and served drinks for 2 bars simultaneously, along with food service, contributing to 5% increase in sales.
- Provided personalized care with a friendly yet professional demeanor.
- Tracked and validated daily sales, profit, expenditure, and inventory data, integrated smart solutions, reducing labour cost by 30%.

👤 Roles

Vice President

Curtis House Council

Sept 2022 – Apr 2023

- Coordinated over 20 events, fostered community growth, facilitated weekly meetings, resolved conflicts, mentored peers, and provided counseling in university dormitory.