# Munir Baara

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## **EDUCATION**

Wentworth Institute of Technology – Boston, MA

Bachelor of Science in Computer Science, GPA: 3.3/4.0

## **RELATED COURSES**

- Data Structures, Algorithms, Operating Systems, OOP Programming, and Computer Networking •
- Network Programming, Security Principles, Public Key Cryptography and Blockchain Technologies

#### SKILLS

Programming Languages: Python, Java, JavaScript, Solidity Frameworks: Pytorch, Monai, JavaFX, AWS Software: Eclipse, PyCharm, Visual Studio Code Operating Systems: Windows 10, Linux, Ubuntu, MacOS

## **PROFESSIONAL EXPERIENCE**

Machine Learning Engineer – Matt Young Media, Remote

- Developing an article/LinkedIn generator using the OpenAI API for digital agencies, enabling automated • content generation and reducing content creation time.
- Building a chatbot for Matt Young Media utilizing Natural Language Processing techniques, resulting in improved customer engagement.

## Machine Learning Engineer – Umass Medical School, Worcester, MA

- Designing convolutional neural network to automate the segmentation of microscopic images to expedite patient diagnosis.
- Conducting comprehensive research and analysis and advancements in cell segmentation, resulting in a detailed literature review highlighting key findings and trends in the field.
- Developing solutions to improve training and evaluation of Machine Learning models.

#### Software Test Engineer – Snapchat, Remote

- Coded in Linux/Windows environment for logic design testing.
- Designed, developed, and tested components to a display chip.

#### Software Engineer – Dolume LLC, Boston, MA

Provided consultation and implemented network and IT solutions for clients. •

## Private Tutor – Self Employed, Natick, MA

Coach and motivate elementary-high school students to complete assignments while maximizing understanding and exam scores.

#### **PROJECTS**

## NFT Land Ownership in Minecraft

Developed a smart contract using Solidity (ERC721 compliant), that leveraged classes and data structures, which corresponded to chunk ownership in Minecraft World.

## Create A Blockchain

Created a blockchain from scratch in Java; implemented functions such as block, genesis, mineBlock, addBlock. •

## **EXTRA-CURRICULAR ACTIVITIES**

Youth Group Coordinator – Worcester Islamic Center, Worcester, MA

Coordinate and meet with core team to discuss and plan community center goals for youth events.

## October 2020 - Present



September 2019 - August 2023

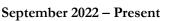
May 2021 - August 2021

September 2015 – Present

August 2021 – August 2022

July 2022 – August 2022

June 2022 – July 2022



May 2023 - Present