

Munir Baara

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EDUCATION

Wentworth Institute of Technology – *Boston, MA* **September 2019 - August 2023**
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* **May 2023 – Present**

- 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* **September 2022 – Present**

- 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* **August 2021 – August 2022**

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

Software Engineer – *Dolume LLC, Boston, MA* **May 2021 – August 2021**

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

Private Tutor – *Self Employed, Natick, MA* **September 2015 – Present**

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

PROJECTS

NFT Land Ownership in Minecraft **July 2022 – August 2022**

- 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 **June 2022 – July 2022**

- 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* **October 2020 – Present**

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

