MOHAMMAD AATIR NADIM

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ABOUT ME

I am a Computer Science Engineering student, who loves problem solving, logical analysis and devising optimisation techniques. I have hands-on experience in several aspects of technical domain, ever looking to expand further.

EDUCATION

Jamia Millia Islamia *Oct 2020 - Aug 2024*
Bachelor of Technology, Computer Engineering SPI: 9.61
Course work includes whatever notable course you've taken

City Montessori School *Mar 2019 - Jun 2020*
ISC Board - PCM Percentage: 95.75
Course work includes whatever notable course you've taken

EXPERIENCE

Core Software Development Engineer Intern, Superchat *May 2023 - Dec 2023*

- In-browser note taking extension, powered by AI.
- Three member tech team, built the product from initial to MVP phase.
- Integrated code-blocks, rich text decoration and several utility services to the content editor.
- End-to-end label configuration for notes.
- Developed the options page and shortcuts for the extension from scratch.
- Robust connection with ChatGPT for AI features.

PROJECTS

Super Resolution of Depth Elevation Models, Smart India Hackathon *Apr 2022 - Jul 2022*
Research in Progress -ISRO Problem Statement, Work in Progress. Experimenting with Super-Resolution GANS, to learn a generator model which produces super-resolution DEMs for low-resolution DEMs.
Tech: *Python, RasterIO, Numpy, Pytorch, PIL, OpenCV*

Placement Prediction, Hack Placement JMI (Winner) *Nov 2021*
-Supervised Learning, application of feature importance to compute the order of significanceof input fields and RandomizedSearchCV to compute the optimum hyperparameters to generate placement prediction
Tech: *Python, Pandas, scikit-learn, RandomizedSearchCV*

Hand Written Digit Recognition *Nov 2021*
-Application of Support Vector Machines with varying hyperparameter tuning, to achieve themaximum possible efficieny of digit recognition.
Tech: *Python, scikit-learn, SVM*

SKILLS

Programming Languages and Frameworks
C++, Python, Javascript, C, SQL, Java, HTML, CSS, React, Node, Google Colab, VSCode, Git, GitHub

Soft Skills
Communication Skills, Problem Solving, Management, Team Work, Volunteering

PROFILES

Linkedin https://www.linkedin.com/in/aatirnadim/

Leetcode https://leetcode.com/user3405Ye/

GitHub https://github.com/AatirNadim

Qwiklabs https://www.cloudskillsboost.google/public_profiles/d61be509-d6cb-46fc-9b62-c083e3636598

CERTIFICATES

Object-Oriented Data Structures in C++   *Jan 2023*
Coursera

Unordered Data Structures   *Jan 2023*
Coursera

Mathematics for Machine Learning: PCA   *Feb 2023*
Coursera

Mathematics for Machine Learning: Multivariate Calculus   *Feb 2023*
Coursera

Mathematics for Machine Learning: Linear Algebra   *Jan 2023*
Coursera

ACTIVITIES

PR and Marketing, ENACTUS JMI   *Nov 2021 - Jul 2022*
description of the activities

Content Management, TEDx JMI   *Nov 2021 - Apr 2022*
description of the activities

DSA Team, IEEE Computer Society, JMI   *Jul 2021 - Apr 2022*
description of the activities