

UNIVERSITA' DEGLI STUDI DI GENOVA

AREA RICERCA, TRASFERIMENTO TECNOLOGICO E TERZA MISSIONE

SERVIZIO RICERCA

SETTORE RICERCA NAZIONALE

IL RETTORE

- Visto il Decreto Rettorale n. 6282 del 19/12/2024, con il quale è stato indetto il concorso, per titoli e colloquio, per il conferimento di n. 1 borsa di ricerca post-lauream, di tipo starting della durata di 12 mesi, dell'importo di € 15.600,00 euro (quindicimilaseicento/00), per lo svolgimento di una ricerca sul tema "WELDiNg Worker Assistive Intelligence, Support & Education" gravante su Fondi FESR – Regione Liguria - Codice CUP: G39J23001360009, presso il DIME dell'Università degli Studi di Genova;
- Visto il Decreto Rettorale n. 75 del 10/01/2025 con il quale è stata costituita la Commissione giudicatrice per il conferimento della suddetta borsa di ricerca;
- Visto il verbale della Commissione giudicatrice del concorso in parola, riunitasi in data 15/01/2025;
- Constatata la regolarità della procedura seguita;

DECRETA

Art. 1

Sono approvati gli atti del concorso di cui in premessa e la seguente graduatoria di merito:

- | | |
|-----------------------------|--------------|
| 1. Dott.ssa Nabeela Masroor | punti 75/100 |
|-----------------------------|--------------|

Gli altri candidati sono risultati non idonei in quanto non hanno raggiunto il punteggio di 70/100.

Sotto condizione dell'accertamento dei requisiti di cui al bando, è dichiarata vincitrice del concorso in parola la Dott.ssa Nabeela Masroor .

Genova,

IL RETTORE
(firmato digitalmente)

NABEELA MASROOR

Masters Student at University of Genoa



EDUCATION

MSc. Computer Engineering (Artificial Intelligence and Human Centered Computing)

Università degli Studi di Genova

2023-Present

Expected Grade: 94/110

Courses

- Network Analysis
- Machine Learning & Data Analysis
- Computer Security
- Operations Research
- Artificial Intelligence
- Human Computer Interaction

BSc. (Honors) Computer Applications

Aligarh Muslim University

2020-2023

CGPA: 8.283/10

Courses

- Programming using C
- Data Structures
- Data Management System
- Python
- Web Engineering
- Operating Systems
- Computer Networks
- Discrete Structures
- Data Mining
- Java
- Computer Architecture
- Mathematics & Statistics

EXPERIENCE

Digital Marketing Intern

Technopine Solutions India | 05/23-07/23

- Content optimization by incorporating SEO practices, keywords, and formatting techniques to improve search visibility.
- Keyword research creation of Google Ads campaign.

Graphics Lead, Google Developer Student Club

Aligarh Muslim University | 08/22-08/23

- Responsible for all the outgoing visuals of the organization and organized many workshops, hackathons and took engaging sessions on UI/UX designing.

Web Development Intern

Aligarh Muslim University | 06/21-07/21

- Responsible for designing and programming the frontend for Computer Science Society AMU's web application with the team using HTML, CSS and JS.

SKILLS

- Python
- NetworkX
- SQL
- React JS
- Machine Learning
- MongoDB/Cassandra
- LAMP
- Java
- UI/UX (Figma, Adobe Suite)

PUBLICATIONS

Article

Machine Learning-Based Predictive Modeling of Student Counseling Gratification

A.R Shibli; Noor; M. Sarim; Nabeela Masroor, Bilal. (2023)

<https://doi.org/10.1007/s41870-023-01620-0>

PROJECTS

Network Analysis of Facebook Large Page-Page Network

- Analyzed structural and dynamic properties of a large social network dataset using Python, NetworkX, and Gephi.
- Investigated centrality measures, community detection, and robustness under attack strategies.
- Enhanced network resilience by implementing redundancy strategies.

Safe Landings in Deep Space

Implemented PPO and A2C algorithms in OpenAI Gym to solve the Lunar Lander problem using Reinforcement Learning. Achieved optimized performance using Python, Stable-Baselines3.

E-Recruitment System

Developed a web-based platform using the LAMP framework to streamline recruitment by connecting companies with qualified candidates. Enhanced hiring efficiency with features for candidate search, filtering, and application management.

ACHIEVEMENTS

- Ranked second in TECHSPRINT HACKATHON organized by Ramanujan College, University of Delhi. (Feb'23)
- Received the author certificate in the ICECI-2023 and the paper got the best paper award in the conference. (Feb'23)

CERTIFICATIONS

- HTML, CSS and Javascript for Web Developers by University of Michigan (Coursera)
- Python Data Structures by University of Michigan (Coursera).
- SQL for Data Science by University of California, Davis (Coursera)
- Mastering Data Structures and Algorithms using C and C++ (Udemy)