

Muhammad Naeem Tahir

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Education

Bahria University Islamabad, Pakistan
Bachelor of Computer Science 2020 – Present

Superior Boys Collage Arifwala, Pakistan
Intermediate – Pre-Engineering 2017 - 2019

Govt. High School Arifwala, Pakistan
Matriculation 2015 - 2017

Academic Experience

EYE TRACKER FOR FORMATIVE ASSESSMENTS Islamabad, Pakistan

Academic initiative at Bahria University, Islamabad, underdevelopment to assist teachers in assessing students by analyzing eye movements during online assessments

Development Research Assistant **September 2023 – Present**

- *Research:* Conducted intensive study on eye's association with different stress levels from 50+ research papers, conference papers and review articles
- *Outreach:* Presented project proposal to 3 research supervisors and got acceptance to start working
- *Specialized:* Spending 10+ hours every week to explore supporting technologies (i.e., Advance Python, OpenCV, Keras, PyTorch, TensforFow etc.) and algorithms of Machine Learning, Computer Vision and Digital Image Processing

STREET FIGHTER GAME AUTOMATION Islamabad, Pakistan

A game bot to play in defensive mode against the opponent in street fighter game during Artificial Intelligence course

Student (Semester Project) **February 2023 – May 2023**

- *Techniques:* Applied ML clustering algorithms (i.e., Naïve Bayes, Random Forest) to train the mode to play game in defensive mode
- *Polyglot:* Integrated Python code with Java Virtual Machine and SDK to execute the game in simulator

ASPIRE LEADERS PROGRAM (HARVARD BUSINESS SCHOOL) Remote

This Program welcomes low-income and first-generation undergraduates from around the world to join a funded leadership development training at Harvard Business School

Trainee (Semi Finalist) **September 2021 – March 2022**

- *Competition:* Contested in AMCAT test which brought 88% grade among aspirants from 150+ countries and selected from over 10000 applicants for an intensive leadership training funded by Harvard Business School
- *Public Speaking:* Participated in mega group discussions with the respected faculty of Harvard University along with trainees with diverse mindsets

Professional Experience

YOUR-Developer (Remote) Saudi Arabia

IT startup building technology solutions in cloud computing, web development and e-commerce products

Web Application Developer **August 2023 – Present**

- *Succeeded:* Completed an overdue project within the probation period with precision, leading to the attainment of a full-time job position
- *Learned:* Adapted the company culture and collaborated effectively within diverse teams comprising developers, designers, and team leads

AMAL ACADEMY Rawalpindi, Pakistan

Education startup funded by Stanford University that teaches professional skills to students and corporations

Career-Prep Fellow (Highest Honors) **August 2023 – October 2023**

- *Communication:* Completed a competitive written application and interview process to be selected from over 4,500 applicants for intensive 3-month Fellowship funded by Stanford University
- *Teamwork:* Lead mega 10 members mega project team for 2 months
- *Skills development:* Invested 150 hours to develop professional skills (e.g., communication, leadership, problem solving, teamwork, etc.) that help me make a deeper impact on the job

BYTEWISE LIMITED

Islamabad, Pakistan

Software development firm in Pakistan that conducts coding competitions and offering fellowships in technology tracks

Frontend Fellow (Top Performer)

March 2023 – June 2023

- *Contribution:* Developed 5 technology solutions in 4 months within an open-source coding community of 50 coders from across Pakistan
- *Achievement:* Secured top contributor status and facilitated 10 individuals to learn coding
- *Acquired:* Gained proficiency in coding languages, frameworks (i.e., Python, Django, JavaScript, ReactJS, Gatsby, GSAP etc.) and algorithms (i.e., GraphQL, diffing algorithm etc.)

ALIGN TECHNOLOGY (USA)

Remote

Align Technology is an American manufacturer of 3D digital scanners and Invisalign clear aligners used in orthodontics

Internee on Forage

November 2022

- *Task Scoping:* Iterated on development modularization, building project milestones and documentation using tools like MS Word, Google DOC
- *Project Planning:* Focused on the short time development of module implementation

Alright Tech (SMC - Pvt.) Ltd.

Rawalpindi, Pakistan

Alright Tech, a growing tech company in Pakistan, where I contributed to the Frontend Development department

Frontend Development Intern

June 2022 – August 2022

- *Experience:* Actively participated in diverse frontend development projects, gaining hands-on experience in crafting UIs
- *Understanding:* Demonstrated a strong understanding of web technologies (i.e., HTML, CSS, Bootstrap, JavaScript, ReactJS, Blade Template Engine) and design principles

MORETON BAY REGIONAL COUNCIL ENTREPRENEURSHIP & INNOVATION (AUSTRALIA)

Remote

Moreton Bay Regional Council Entrepreneurship & Innovation: Web Development Job Simulation on Forage

Internee on Forage

February 2023

- *Job simulation:* Completed job simulation involving website planning and creation
- *Project Management:* Created sitemaps and userflow using a diagram creation tools (i.e., Lucid Chart)
- *Execution:* Used HTML & CSS to create landing pages

Community Work

HOPE PAKISTAN

Islamabad, Pakistan

A charity organization based in Pakistan which aims to provide basic education to slum area children

Volunteer

September 2023 – Present

- *Education:* Dedicate 3 hours per week to teach English and Mathematics to eight Grade 5 children
- *Initiative:* Collaborate on curriculum development for more impactful lecture delivery
- *Impact:* Focused on making a meaningful difference in the educational journey of the children

READSCORE

Islamabad, Pakistan

AMAL Academy graduates lead a project addressing the impact of social media on mental health through Bibliotherapy

Project Lead

August 2023 – Present

- *Planning:* Conducted extensive planning with insights from undergraduates of 6 universities (Bahria, AIR, NULM, IUI, QAU and ARID university) by visiting in person
- *Solution:* Introduced ReadScore, a new social media platform to maintain book reading habit with streak system
- *Engagement:* Engaged 87 individuals across 6 universities, achieving 83 positive responses

KHAIRR KHWAH

Islamabad, Pakistan

A social development program lead by youth in Islamabad mainly working on helping in education funding and anti-littering

Volunteer

September 2023

- *Awareness:* Participated in a community environmental awareness anti-littering drive
- *Mentorship:* Engaged 30 students of undergraduate from Bahria University in the anti-littering drive at Margalla Hills, Islamabad

Honors and Awards

ACADEMIC SCHOLARSHIPS

- Received full merit-based academic scholarship from PEEF for consecutive 4 years from high school to higher secondary school 2015 - 2019
- Awarded with full funding for undergraduate from HEC, Pakistan 2020 - Present

ONLINE COURSES AND MOOCS (30+ including soft skills certifications)

- Introduction to Back-End Development – Meta - Coursera March 2023
- React Basics – Meta – Coursera March 2023
- Programming Foundations: Fundamentals – LinkedIn November 2022
- Introduction to Frontend Development – Meta – Coursera October 2022
- Introduction to Augmented Reality and ARCore – Google – Coursera September 2022
- jQuery – SoloLearn September 2022
- The Fundamentals of Digital Marketing – Google Digital Garage September 2022
- Exercising Leadership: Foundational Principles – edX April 2022
- PHP – SoloLearn April 2022
- SQL – SoloLearn April 2022
- Responsive Web Design – freeCodeCamp February 2022
- Pandas – Kaggle January 2022
- C++ – SoloLearn September 2021
- Python For Beginners – SoloLearn August 2021

Additional

- *Technical Skills:* PyCharm, Anaconda, VScode and Visual Studio, Git and GitHub, Jupyter Notebook, Linux Ubuntu Distribution, LaTeX, Technical Visual Illustration, UI/UX
- *Interests:* Coding, Visual Designing, Story Telling
- *Language:* English, Urdu (native), Chinese (Basic)