SANA CHEVAL

sanachevall@gmail.com | +92 (304) 020-9986
[LinkedIn](#) | [Github](#) | [Portfolio](#)
⚲ Karachi, Pakistan (willing and able to relocate)

Education

O & A-Level Examinations
2016-2019
- Attended Karachi Grammar School from the age of three years old until high school graduation
- Integral part of the school's rowing team for four years competing in National tournaments and promoted to Student Coach in final year
- Completed 11 O-Level subjects and 3 A-Levels, which were Math, Physics and Sociology

Undergraduate Degree
2019-2023
- Attended McGill University for four years and graduated with a Bachelor's of Arts in Computer Science with a minor concentration in Geography
- Graduated in June 2023 with a GPA of 3.04
- Alongside many other courses took Algorithm Design, Environmental Management 1, and Geospatial Analysis

Projects completed include:

- ★ Geospatial analysis of locations for a potential Ski resort in ArcGIS Pro
- ★ A simple operating system in C
- ★ A CPU circuit in Logisim Evolution

- ★ Simplified scrabble in Python
- ★ Search engine in Java
- ★ Script to parse webserver logs and produce metrics in C

Experience

Social Media Manager - UJALA
2016-2019
- UJALA is a school for children with special needs in Karachi, Pakistan
- Began working at UJALA as an intern in the summer of 2016 teaching children basic schooling
- Continued to volunteer after the summer until 2019 managing their social media accounts by creating posters, photographing events and creating advertisements

Head of Media for TEDx
2018
- Helped with the organization, designed the stage layout and managed the digital advertisements for the first ever TEDx event held by Karachi Grammar School

Tutoring
2018-Present
- 2018: Tutored peers in SAT Mathematics helping them achieve higher scores than before
- 2020: Tutored students in elementary school Mathematics through zoom
- 2020-2021: Tutored many peers in university in Calculus courses
- 2023: Tutored a peer in COMP 205, Computer Programming for Life Sciences, an introductory course in Python
- 2023-2024: Tutored high school students in A-Level Mathematics

Beach Clean-up Volunteer Work with The Last Earthlings
2019-2022
- Was an integral part of weekly clean-ups helping reduce waste and pollution on Seaview Beach in Karachi, Pakistan

Skills

- Quick at finding solutions for problems and adaptable to new ideas
- Level headed and patient
- Flexible and proactive

- Highly skilled in Microsoft Products: Excel, Word, Outlook
- Proficient in ArcGIS Pro
- Proficient in Python, Java, C, OCaml, HTML, JavaScript, CSS