

# Ajwad Javed

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## Experience

- 2019-2020 Worked in TUKL-NUST as a Research Fellow. Worked on table extraction using Graph Neural Networks; was the first business student to get offered a position in the lab
- 2019-2020 Worked as a Teaching Assistant for BS Computer Science course **CS-370 Artificial Intelligence** and **CS-250 Data Structures and Algorithms** taught in C++
- 2018 I was part of the team responsible for designing and deploying the website for the **NUST Olympiad** event. I was the only freshman in a team of 4 final year students. I had to learn Django from scratch and the website ended up having over 5000 confirmed registrations from all over Pakistan

## Projects

### Dublin Housing Project

Scrapped data from Ireland's real estate websites and built a model that links crime statistics and commute timings using Python, Distance Matrix API and Excel

### Pakistani Stock Market Terminal

Built a model which scrapes OHLC stock values of an indefinite number of companies from SCSTrade and then performs ARIMA analysis and other financial indicators on them. Expanded this code to work as the backend for a local startup <https://www.xrosscanner.tech/>

## Education

- 2018-Present **NUST Business School, Islamabad**, *Bachelors Accounting and Finance* CPGA:3.24.
- 2019-Present **NUST SEECS, Islamabad**, *Minor in Computer Science* CPGA:4.0.

## Events

- 2020 Helped design **University of Birmingham's** new MSc Artificial Intelligence course aimed towards students from a non-STEM background. Researched and suggested modules and relevant industry projects
- 2019 Attended and helped organize IAPR PPRS 3rd Annual Summer School in SEECS with guest speakers from China, Germany, Sweden and Japan

## MOOCS

Deep Learning Specialization - Deep.ai | CS224N Natural Language Processing - Stanford  
Business Analytics Specialization\* - Wharton School of the University of Pennsylvania  
Google - Fundamentals of Digital Marketing

## Tools

Skills Python, Excel, SQL, Stata, C++, JavaScript, Basic Graphic Designing, Unix