MUHAMMAD ADIL BIN ELLI

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Experience:

Geophysicist Intern (DUG)

By the aid of mathematical tools provided by DUG proprietary software Insight, I filter various noises that exist in the seismic dataset which will then be used for accurate reservoir modelling.

Used strategies like cutting unnecessary seismic shots, traces and shorter window Fourier transform to shorten processing time required by the cluster.

Navigate through Linux terminal as it was the OS used by DUG.

Process Intern (WorleyParsons)

Performed mark ups on PNID and PFD's to ensure consistency in engineering drawing and documentation according to any given requirement.

Collected data from different engineering disciplines within given deadlines for benchmarking report for 4 different projects. This data was used for manpower estimation in future engineering projects.

Education:

TalentLabs Software Engineering Foundation

Essential software engineering skills. This includes learning technologies like JavaScript, SQL, HTML, CSS and the basics GitHub, AWS and automated testing.

Petroleum Engineering UNSW

Linear Algebra Programming - Used MATLAB to populate subsurface rock property statistically from a few 1D well array throughout the whole reservoir (2D matrix) via interpolation. Convolved wavelet and acoustic impedance (earth) to form seismic trace with MATLAB.

EXTRACURRICULAR INVOLVEMENT

Academic Exco Badan Perhubungan Sydney (BPS)

Organising Speak Up! event also assist in other events under BPS held by other project directors.