

Daryl Yi Jin Tan

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EDUCATION

University of Oklahoma

Norman, OK

Bachelor of Science in Petroleum Engineering, Certificate in Sustainable Energy Systems

Aug. 2025 – Present

Bachelor of Arts in Economics, Minor in Data Analytics

Overall GPA: 4.0/4.0; Honors College, Davis UWC Scholar, Society of Petroleum Engineers

United World College Dilijan

Dilijan, Armenia

International Baccalaureate Diploma Program (IBDP)

Aug. 2023 – May 2025

EXPERIENCE

Economics Learning Lab (OU Department of Economics)

Jan. 2026 – Present

Teaching Assistant

Norman, OK

- Selected to serve as TA for ECON 1123 (Principles of Microeconomics), supporting a course of over 900 students

The Oklahoma Group

Jan. 2026 – Present

Associate Consultant

Norman, OK

- Collaborating with Oklahoma nonprofits to develop structured problem frameworks and executive-ready deliverables to deliver data-driven strategic recommendations

The Gunasooriya Lab (Gallogly College of Engineering)

Nov. 2025 – Present

Undergraduate Student Researcher

Norman, OK

- Researching under Dr. Gunasooriya on electrocatalytic processes; leveraging ML to improve economic feasibility and minimize the environmental impact of sustainable technologies

Society of Asian Scientists and Engineers

Sep. 2025 – Present

Project Engineering Lead

Norman, OK

- Leading a 8-member engineering research team investigating cement additives for well plugging to enhance well-bore integrity and prevent methane and fluid leakage from abandoned wells

AlphaQuants Education

Jul. 2025 – Jul. 2025

Finance and ESG Program Facilitator

Suzhou, China

- Facilitated a 13-day finance/business workshop for 80 high school students, covering investment principles, business management, sustainable investing and ESG considerations in financial decision making

Wharton Global Youth Program

Sep. 2023 – Dec. 2023

Portfolio Manager, Team Lead

Dilijan, Armenia

- Founded and led the first-ever UWC Dilijan team to compete in the Wharton Global High School Investment Competition
- Developed a 5-phase fundamental investment framework (profitability, growth, risk, diversification, client fit) to construct a client-constrained portfolio
- Managed a \$100,000 diversified virtual portfolio, and allocated assets across equities and ETFs to balance downside risk and long-term growth, outperforming the S&P 500 benchmark with a 6.97% return

AWARDS

Fall 2025 President's Honor Roll

Recognized for earning a 4.0 GPA during the Fall 2025 semester

Runner-up, Sooner Energy Paper Contest 2026

Hosted by OU's Society of Petrophysicists and Well Log Analysts

Champion, International Economics Olympiad Winter Business Case 2024

1600+ participants; 63 countries

Champion, Malaysian National Debating Championship 2022

Best Debater, State Team Captain

Finalist, Armenia National Economics Olympiad 2023

Top 15 highest scorers nationwide