KHOI TRINH

(916) · 230 · 4439 ◇ khoitrinh@ou.edu ◇ khoicodesthings.github.io

EDUCATION

University of Oklahoma
Expected May 2026 - Ph.D. Data Science and Analytic
Graduated Dec 2019 - M.S. Natural Gas Engineering and Management - GPA: 3.7/4.0
Graduated Dec 2017 - B.S. Petroleum Engineering - GPA: 3.3/4.0

EXPERIENCE

ScooterLab (OU — UTSA)   Aug 2023 - Present
Backend Systems Developer   *Norman, OK*

· Develop and maintain the backend API for ScooterLab, an NSF funded micromobility research project, currently under development at the Uniersity of Texas at San Antonio.

University of Oklahoma School of Computer Science   Jan 2022 - present
Research Assistant   *Norman, OK*

· Graduate Research Assistantship under Dr. Anindya Maiti, using data science to improve the utility of NFTs, particularly regarding copyright and unauthorized creation of NFTs from copyrighted materials.

Ronnie K Irani Center for the Creation of Economic Wealth   Aug 2019 - Dec 2019
Graduate Assistant   *Norman, OK*

· Mentored the Oil and Gas Analyst team on a 16-week analysis project of production data from the Austin Chalk, provide help and tutorial in PETRA.

Mewbourne College of Earth and Energy   Jan 2018 - Dec 2019
Teaching Assistant   *Norman, OK*

· Integrated Reservoir Management and Production Engineering II: Held office hours to assist an average of 200 students with questions, as well as, provided help and tutorial in PETRA.

Mewbourne College of Earth and Energy - Project provided by Crescent Point Energy   May 2017 - July 2017
Summer Intern   *Norman, OK*

· 8-week project requiring analysis work on production data from wells in the Uinta Basin (Utah) to determine the effectiveness of a waterflood project using decline curve analysis and Ershaghi-X function so that Crescent Point can get an understanding and can potentially waterflood their own acreage to the North and East of the basin.

Bien Dong POC   June 2016 - August 2016
Summer Operations Intern   *HCMC, Vietnam*

· Studied the analysis of the gas production for Moc Tinh and Hai Thach natural gas fields and analysis of the field's technical diagrams (PFD's, UFD's, and P & ID's).

SKILLS

Programming Languages	Python, R, Java, C++
Libraries	pandas, NumPy, MatPlotLib, Selenium
Fluency In	English, Vietnamese