

JOHNATHON CURRAN
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EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN, McCombs School of Business, Austin, TX **May 2028**

Master of Business Administration

- GMAT: 705
- Clubs/Extracurriculars: Energy Finance Group

THE UNIVERSITY OF ALASKA FAIRBANKS, College of Engineering and Mines, Fairbanks, AK **May 2018**

Bachelor of Science in Mechanical Engineering

- GPA: 3.45
- Clubs/Extracurriculars: Brazilian Jiu-Jitsu Club

EXPERIENCE

ENERCON SERVICES, Fort Worth, TX **2023 - 2026**

Multi-disciplinary engineering firm that provides technical design and licensing services across the energy industry

Lead Mechanical Engineer (2025 - 2026)

- Led multidisciplinary teams supporting multiple nuclear power plant capacity expansion and regulatory permitting projects cumulatively valued at over \$15M, driving technical due diligence, risk assessment, and stakeholder coordination for capital-intensive energy infrastructure assets
- Managed engineering and regulatory workstreams for nuclear utility clients, delivering strategic analyses supporting \$50M+ in asset optimization and long-term generation growth initiatives
- Supervised 5 mechanical engineers, managing project staffing, timesheets, and status tracking while serving as primary technical point of contact

Mechanical Engineer (2023 - 2025)

- Provided technical due diligence and equipment qualification support for \$5M–\$20M capital projects at uranium enrichment facilities, ensuring NQA-1 compliance and supporting production growth objectives
- Performed thermal-hydraulic analyses on multi-million-dollar plant components (\$1M–\$10M each), informing investment decisions and mitigating outage risks costing over \$500K per day

FLUOR CORPORATION, Ballston Spa, NY **2019 - 2023**

Prime contractor responsible for the operation and engineering of the U.S. Navy's nuclear propulsion program

Advanced Reactor/Refueling Operations Engineer

- Served as Engineering Duty Officer for S8G Prototype, coordinating operations, maintenance, and risk management during a \$200M–\$300M refueling overhaul
- Qualified as EOOW, directing cross-functional operations personnel and ensuring safe performance of a \$1B–\$2B nuclear propulsion plant during routine and casualty conditions

ENSTAR NATURAL GAS, Anchorage, Alaska **Summer 2017**

A regional natural gas distribution utility providing service to residential, commercial, and industrial customers

Engineering Intern

- Utilized SolidWorks to develop detailed 3D models of over 10 natural gas pressure regulating stations valued at an estimated \$500K–\$1M+ in infrastructure, supporting design review and system planning efforts across the Anchorage distribution network
- Assisted with 5+ pipeline "pigging" operations on distribution lines, supporting maintenance activities that help avoid unplanned outages/repairs estimated at \$10K–\$25K per incident avoided

ADDITIONAL

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- Professional Certifications: Professional Engineering (PE) License, Engineer Officer of the Watch (EOOW) Qualification
 - Computer Software: MS Excel, PowerPoint, AFT Fathom
 - Personal Interests: Black belt in Brazilian Jiu-Jitsu, Chess, Reading