

# Joseph Moody

(903) 820-9273 | [josephsmoody04@gmail.com](mailto:josephsmoody04@gmail.com)

## EDUCATION

---

### **Bachelor of Science, Petroleum Engineering, December 2026**

#### **Minor, Business Foundations**

The University of Texas at Austin

Overall GPA: 3.20/4.00      Major GPA: 4.00/4.00

Coursework: Thermodynamics/Phase Behaviors, Numerical Methods/Programming, Energy, Engineering and the Environment, Sedimentary Rocks

## WORK EXPERIENCE

---

### **Engineering Support Intern, Texas Department of Transportation, May 2024 - August 2024**

- Developed spreadsheets of asphalt yield to achieve pre-determined value of aggregate and oil for U.S. 82
- Inspected drill shafts process for bridge columns, casing and slurry displacement to maintain concrete stability, asphalt and concrete paving of major highways, safety end treatment installments, 7-step extensive highway rehab procedure, and state park road maintenance
- Formed concrete cylinders in plastic molds to perform compressive strength tests that determined if the concrete was over 3600 PSI according to the TxDOT standards
- Analyzed driveways' pipes, fill, radius and length to determine required changes for design project of a Farm to Market Road

### **Guest Support Technician, Texas Department of Transportation, June 2023 - August 2023**

- Performed administrative and technical work including daily recording and analyzing of data in Excel and PowerPoint
- Developed customer service skills by expressing southern hospitality to improve guests' experience in the facility and their time spent in Texas; received 99% excellent customer satisfaction from customer feedback surveys
- Presented multiple projects to the Head of Travel Division regarding plans to improve Travel Centers' guest attendance throughout the state of Texas and generated infographics using PowerPoint to display appealing attractions for guests to visit
- Invited to return on multiple occasions by immediate supervisor as well as the Head of Travel Division due to outstanding performance of duties and responsibilities

### **Student Staff, UT Engineering Career Assistance Center, August 2023 - Present**

- Guide students to career advisor for services such as resume review, interview preparation, etc.
- Utilize customer service skills to provide a positive experience for students and employers
- Display Excel proficiency by implementing analytical charts of data for recruiting team such as Spring career fair survey results and list of potential employers to recruit for upcoming fairs
- Invited by recruiting team to work additional hours because of quality analyzation of employer recruiting and increased task efficiency of recruiting team by 20%

## SKILLS

---

- Excel/PowerPoint
- Numerical Methods/Computer Programming in Python
- Problem-solving
- Leadership

## ACTIVITIES

---

- Team Captain – Texas Club Tennis, Fall 2023 - Present
- Member of Society of Petroleum Engineers, Fall 2022 – Present