

# Ahad Momin

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## EDUCATION

**The University of Texas at Austin** Bachelors of Science, Petroleum Engineering December 2019  
Minor: Business Foundations  
GPA: 3.85

### Relevant Courses:

- Drilling and Well Completions
- Transport Phenomena
- Solid Mechanics
- Differential Equations
- Thermodynamics
- Accounting

## WORK EXPERIENCE

**The University of Texas Recreational Sports – Activity Supervisor;** Austin, TX May 2017 – Present

- Assist building coordinators and professional staff in performing proper facility operations and maintenance
- Enforce regulations regarding identification and equipment checkout along with monitoring security of patrons
- Plan and organize special events such as orientations and intramurals and respond to building emergencies

**Pollo Tote – Freelance Graphic Designer;** Bryan, TX December 2015 – May 2016

- Designed and crafted logos, monthly specials, and restaurant menu designs for new locations using Adobe suite
- Managed advertising through Facebook and reduced company's overall advertising expenses up to 40%
- Participated in graphic design contests and projects on Freelancer.com and 99designs.com

**El Pollo Rico – Assistant Manager;** Austin, TX March 2015 – August 2016

- Implemented lean principles to reduced Inventory cost by 10% and cut costs for current merchandise
- Prepared daily deposit and payment sheets and recorded data into excel, creating pivot tables, for analysis
- Performed continuous improvements in customer service based on customer feedbacks and ratings

## PROJECTS

**Offshore Well Design – Project;** Austin, TX September 2017 – Present

- Investigate rig plan and perform calculations for casings, mud weight window and horizontal drilling program
- Analyze data and create reports on different well programs necessary for completing the well design

**“Infinite Loop” Computational Project – Project;** Austin, TX April 2017

- Collaborate with a partner to program and solve derived nonlinear equations for a hydraulic pipe network
- Generated correct values for pressure drop and flow rate in pipes by solving the systems of equations

## EXTRACURRICULAR ACTIVITIES

**Austin Secondary REC Management – Teaching Assistant;** Austin, TX August 2017 – Present

- Oversee 30+ students' term progress and work closely with the teachers to ensure all aspects of curriculum are met
- Facilitate activities, such as indoor and outdoor games for youth ages 7-16, along with executing safety
- Reinforce discipline and discuss students' performance with parents

## ORGANIZATIONS

Fundraising committee member, UT Society of Petroleum Engineers (UT SPE) September 2017 – Present

Active member, American Association of Drilling Engineers (AADE) August 2016 – Present

## SKILLS AND CERTIFICATIONS

Microsoft Certified in Analyzing and Visualizing Data using Excel June 2017

**Computer Skills:** Proficient in MATLAB, Adobe Photoshop, Adobe Illustrator, and Microsoft office

**Languages:** Fluent in English, Urdu, and Hindi; conversational in Spanish

**Work Eligibility:** U.S Permanent Resident