**Ahad Momin**

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**EDUCATION**  **The University of Texas at Austin** Bachelors of Science, Petroleum Engineering December 2019

Minor: Business Foundations

GPA: 3.88

**WORK EXPERIENCE**

**The University of Texas Recreational Sports** – *Activity Supervisor;* Austin, TXMay 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 in Gulf of Mexico**– *Project lead;* Austin, TX September 2017 – December 2017

* Investigated rig plan and performed necessary calculations for casings, mud weight window, drill string, bit size, cementing, BHA, and BOP for successful vertical and horizontal drilling in Gulf of Mexico
* Analyzed cost data and created reports on different well programs necessary for completing the well design

**Horizontal Drilling in Eagle Ford Texas**– *Project lead;* Austin, TX November 2017 – December 2017

* Designed and calculated directional plan, production casing, BHA, and cementing and casing hardware required for drilling horizontally in eagle ford formation
* Finalized reports for both directional plan and horizontal components needed to drill and start production

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

* Collaborated 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

**LEADERSHIP EXPERIENCE AND ACTIVITIES**

**UT Society of Petroleum Engineers** – *Fundraising Committee Member;* Austin, TX September 2017 – Present

* Hold office hours every week to ensure all members and students are receiving food, supplies and services
* Design SPE logos and shirts for new events and make continuous variations based on committee feedback

**Austin Secondary REC Management** – *Teaching Assistant;* Austin, TXAugust 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

**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, Hindi, and Urdu**;** conversational in Spanish

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