**ANAS ABDELJABER**

Denver, CO—720-878-6782— anasabdeljaber@gmail.com

**EDUCATION**

**University of Colorado Denver, Denver, CO Expected Graduation: December 2019**  Bachelor of Science –Electrical Engineering

*Relevant Courses:*

* Energy Conversion (AC/DC Machinery, Transformers, Synchronous Generators and Motors, Single-phase and Three-phase Circuits)
* Electronics II (Signals and Amplifiers, Semiconductors and Diodes, BJTs, Filters and Tuned Amplifiers)
* Thermodynamics (Mass and Energy analysis of Control Volumes, Heat Engines, Refrigerators and Heat Pumps, Exergy Analysis)
* Sophomore Circuits Laboratory (High Pass and Low Pass Filters, Op-Amps, 555 Timer and Oscillator)
* Embedded Systems Engineering (C programming, Java programming, atmega328 microcontroller, Arduino software and Processing software)
* Electromagnetic Fields (Electrostatics and Magnetostatics, Dynamic Fields and Plane Waves, Transmission Lines, Antennas, Electromagnetic Interference)
* Linear Systems Theory (Laplace and Z Transforms, Aperiodic Signal Analysis)
* Engineering Probability Statistics

*Relevant Projects:* Arduino Robotic Arm and Ultrasonic Radar, Small Signal Transistor, Transformers.

**EXPERIENCE**

**US Army, various locations June 2015-Present**

Tactical Power Generation Specialist (91D)

* Conducted maintenance on tactical utilities, power-generation sets, internal combustion engines, and associated equipment.
* Performed maintenance on stationary power plants (electrical generation and distribution, diesel generator operation).

**Pita Fresh Restaurant, Denver, CO December 2016- Present**

Manager

* Optimized restaurant profit by supervising food quality and quantity, managing labor costs, and ensuring customer satisfaction.
* Hired, trained, and supervised new team members.
* Computed employees weekly hours.
* Ensured safety guidelines and standards of cleanliness.

**Community College of Denver, Denver, CO July 2013 - June 2015**

Trio Student Support Services

* Offered supplemental tutoring in math and physics to college students.
* Provided comprehensive academic and financial guidance to college students (such as academic planning, registration, FAFSA and scholarships applications).
* Maintained low-income and first-generation students’ database in college programs.

**LEADERSHIP/ACTIVITIES**

* Society for Bleeding Disorders (2009)
* President of the Student Union (2010)
* Robotics Club (2010)
* Math and Physics Tutor (2013)
* Urban Male Initiative (2013)
* Phi Theta Kappa (2014)
* Skyline Soccer Coach (2016)

**SKILLS**

**Computer:** Experienced in MS Excel, MS Word, MS PowerPoint, C, Java, JMP, MATLAB, Code Blocks, Cortex, OrCAD, PSpice.

**Languages:** English (fluent), Arabic (native)