**John C. Abercrombie**

3503 E Desert Willow Rd, Phoenix, AZ 85044 | (480) 993-6465 | jabercrombie4th@gmail.com

**OBJECTIVE**

To build experience and learn new skills in a high-paced environment by bringing strong ideas and hard work

**EDUCATION**

Studied Chemical Engineering, United States Military Academy, West Point, New York, 10996, June 2015-May 2019, GPA 2.9

* Dean’s List 3 semesters
* Passed the Fundamentals of Engineering Exam – Chemical Engineering

**SKILLS & ABILITIES**

* Broad base of engineering knowledge from civil engineering courses (Mechanics of Materials, Engineering Materials) to nuclear engineering (Intro to Nuclear Engineering)
* Effective team player with leadership skills who works collaboratively, establishes objectives, and plan tasks to meet them
* Ability to create procedures for startup, operation, and shutdown of chemical engineering pilot plants.
* Motivated to maintain a safe lab environment. Obtained all ten certificates from the Safety and Chemical Engineering Education program of the AIChE
* Proficient at obtaining and analyzing data from scientific experiments
* Proficient at modeling in CHEMCAD as well as computations in Mathematica, Matlab, and Excel

**EXTRACURRICULARS**

* NCAA DI Football - Army West Point, 2016-2018, Kicker
* Collegiate Sprint Football League - Army West Point Sprint Football, 2016, Kicker
* Student Member of the American Institute of Chemical Engineers (AIChE)
* Assistant Brewmaster, Kicking Mule Brewing Company, West Point Student Chapter of the AIChE, 2016

**LEADERSHIP**

* Platoon Leader in Company I-1, Spring 2019, Lead a platoon of about 30 underclass cadets and implemented measures to assist them with their academic, military, and physical performance at the academy. Achieved a platoon GPA of above 3.0
* Squad Leader in Company I-1, Spring 2018, Lead a Squad of 3 Third-Class and 4 Fourth-Class Cadets throughout the Academic semester
* Team Leader in Company I-1, Fall of 2016 and Spring 2017, Lead a Fourth-Class Cadet through each academic semester.

**RELEVANT COURSES**

* Separation Processes, Chemical Reaction Engineering, Transport Phenomena, including Heat and Mass Transfer, Chemical Engineering Thermodynamics, Dynamic Modeling and Control, Chemical Engineering Laboratory