**Education**

**The Citadel The Military College of South Carolina**  **May 2025**

Major: Mechanical Engineering / Minor: Computer Engineering GPA: 4.00

Trident Technical College January 2020-August 2022

Arclabs Welding School (900 Welding Course) December 2017-July 2018

Community College of the Air Force 2011-2017

***Relevant Coursework*:** Calculus I-IV, Chemistry I & II, University Physics I & II, Trigonometry, Solidworks, Statics, Advance Technical Communications

**Skills**

* Shielded Metal Arc, Gas Metal Arc, Flux Core Arc, and Gas Tungsten Arc Welding on Carbon Steel and Stainless-Steel Pipe
* Weld Quality
* CAC/G, Oxyfuel Cutting, Plasma Arc Cutting Experience
* Experience with hand tools and power tools such as; tape measures, levels, squares, files, hammers, chisel, stationary band saw, port-a-band, grinders, end grinders, rotary files
* Coordinated, fitted, and welded a pressure vessel for a school project
* Weld procedures result in quality welds that pass inspections and will pass a tensile strength test
* Displays leadership skills by leading school projects, mentoring less experienced classmates and solving problems.
* Confident public speaker

**Work Experience**

**The Citadel** *Mathematics and Physics Tutor* - Charleston, SC August 2020-Present

* Proficient in courses including Algebra, Trigonometry, Differential, and Integral Calculus, Differential Equations, University Physics
* Encourage and explain mathematical concepts to students of all levels
* Familiar with the TI-83,84, and 89 calculators

**Trident Technical College** - *Mathematics and Physics Tutor -* Charleston, SCNovember 2019-March 2020

* Knowledgeable in courses including Algebra, Trigonometry, Differential, and Integral Calculus, Differential Equations, University Physics
* Tutored and aided students of all ages and all levels

**Military Experience**

**United States Air Force** November 2019-March 2020

Joint Base Elmendorf-Richardson, Anchorage, Alaska (3 years)

Joint Base Charleston, Charleston, South Carolina (3 years)

Joint Base Charleston, Charleston, South Carolina (2 years)

**E-4 Security Forces, Journeyman**  November 2011-October 2019

* Conducted training and response to CBRNE (Chemical, Biological, Radiological, Nuclear, Explosive) dispersed weapons
* Coordinated, lead, and managed 3-2-man teams that were responsible for moving and protecting individuals, weapons, and assets
* Provided armed response and controlled entry to military installations
* Developed plans, policies, procedures, and detailed instructions to implement Security Forces programs
* Directed guidance on employment and utilization of military working dog teams
* Lead, managed, supervised, and implemented ground weapons training
* Heightened from USAF training in Information Security
* Trained as Fly Away Security Team member
* Tested and certified on the M24, M240B, M4A2, M9, and M249 weapons systems

**Volunteer Work**

* Charleston Animal Society
* Big Brother Big Sister