

**Tai To**  
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## **Education**

**Mechanical Engineering with Bioengineering Emphasis** **2016 - Present**  
San Diego State University  
Expected to graduate in 2020.

**Pre-Engineering – Physics** **2011 - 2015**  
San Diego Mesa Community College  
Completed university transfer requirements.

**Associate in Applied Science, Aviation Maintenance Technology** **2010**  
Community College of the Air Force  
Maxwell Air Force Base, Alabama

### **Retired U.S. Air Force Veteran, as of December 2021**

#### **Aircraft Structural Maintenance/ Sheet Metal - Work History**

**MARCH AIR RESERVE BASE, 452<sup>nd</sup> Maintenance Squadron** **2011 - 2021**  
Duties: Organizational level structural maintenance on the C-17 and KC-135.  
\* Secret Clearance is currently ACTIVE.

**LACKLAND AIR FORCE BASE, 433<sup>rd</sup> Maintenance Squadron** **2009 - 2010**  
Duties: Organizational level structural maintenance on the C-5 Galaxy.

**CORPUS CHRISTI NAVAL AIR STATION, AECOM** **2010**  
Duties: Depot level structural maintenance on the AH-64 Apache.

**CORPUS CHRISTI NAVAL AIR STATION, L-3 Communications** **2009**  
Duties: Depot level structural maintenance on the UH-60 Black Hawk and  
HH-60 Pave Hawk.

#### *Aircraft Sheet Metal Mechanic Craftsman*

**United States Air Force Reserve, 916<sup>th</sup> Maintenance Squadron** **2007 - 2009**  
Seymour Johnson Air Force Base, Goldsboro, North Carolina

- Performed required maintenance on the KC-135R tanker.
- Assembled structural parts and components to meet requirements for preserving structural integrity and low observable qualities.
- Assessed damage to aircraft structural components and low observable coatings.
- Advised on structural and low observable repair, modification, and corrosion protection treatment with respect to original strength, weight, and contour to maintain structural and low observable integrity.
- Ensured aircraft component balance is maintained.
- Assembled repairs using special fasteners and adhesives.

- Checked repairs for serviceability according to specifications and technical publications. Manufactured jigs, fixtures, forms, and molds.

*Aircraft Structural Maintenance Airman*

**United States Air Force, 4<sup>th</sup> Equipment Maintenance Squadron** **2002 - 2007**

Seymour Johnson Air Force Base, Goldsboro, North Carolina

- Performed required maintenance on F-15E fighter.
- Used metalworking equipment and tools to form, cut, bend, and fasten replacement or repair parts to damaged structures and components.
- Fabricated, repaired, and assembled tubing and cable assemblies for aerospace weapon systems and support equipment.
- Maintained and inspected tools and equipment.
- Performed operator maintenance and service inspections on shop equipment and tools. Ensured lockout and tag-out procedures are accomplished prior to performing shop equipment maintenance.
- Stored, handled, and disposed of hazardous waste and materials according to environmental standards.
- Inspected structures and components and determined operational status.
- Interpreted inspection findings, and determined corrective action adequacy.
- Posted entries and maintained maintenance and inspection records.
- Recommended methods to improve equipment performance and maintenance procedures. Used automated maintenance systems.
- Inputted, validated, and analyzed data processed to automated systems.
- Cleared and closed out completed maintenance discrepancies in automated maintenance systems.

*Aircraft Sheet Metal Mechanic Craftsman*

**United States Air Force, 916<sup>th</sup> Expeditionary Maintenance Sq.** **2008**

Incirlik Air Force Base, Southwest Asia, Turkey

- Structural maintenance support for KC-135

*Aircraft Sheet Metal Mechanic Journeyman*

**United States Air Force, 379<sup>th</sup> Expeditionary Maintenance Sq.** **2003 & 2006**

Al Udeid Air Force Base, Southwest Asia, Qatar

- Joint operations support maintaining a variety of aircraft
- Managed support area.

*Aircraft Sheet Metal Apprentice*

**United States Air Force, 361<sup>st</sup> Training Squadron Detachment 2** **2001 - 2002**

Pensacola Naval Air Station, Pensacola, Florida

- Received aircraft sheet metal training.