

Ryan Tiger

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Education

Bachelor of Science in Civil Engineering

University of Memphis, Memphis, TN

Expected Graduation: Fall 2024

Associate in Applied Science in Construction Technology

Community College of the Air Force, Montgomery, AL

December 2021

Technical Skills

AutoCAD and Geographic Information System (G.I.S) Certified, Surveying and Construction Management

Engineering Experience

Concrete Canoe Senior Design Project

September 2021 - January 2022

University of Memphis, Memphis, TN

- Won 2nd place in the oral competition and 6th place in the design competition of the ASCE Mid-Continent Regional Concrete Canoe Competition
- Co-designed the canoe with 4 other seniors, with an emphasis on developing best concrete mix
- Streamlined submittal process; 740 submittals evaluated and 3-day turn around achieved; slashed long lead time by 40%

United States Air Force

July 2015 - July 2020

- Led 7 construction managers and ensured compliance on 46 projects worth \$15M
- Oversaw \$1.8M road upgrade, provided logistics tie between 2 bases, and anchored \$12M joint US/UK effort
- Scrutinized 5 service contracts valued at \$3.6M to prevent flooding in 5 base camps; safeguarded 22K base personnel
- Led 10 site visits, 7 pre-construction conferences, and 20 technical evaluations; identified 2 deficient performers and restored compliance with contracts

Honors

United States Air Force Commendation Medal

April 2016

United States Navy Commendation Medal

May 2018

Certifications

USAF Certificate of Training – Engineering Apprentice Course, 501 hours

January 2020

NAVFAC Certificate of Training – Construction Quality Management, 35 hours

December 2019

NAVFAC Certificate of Completion – Construction Safety Hazard Awareness, 40 hours

March 2018