

Tyler Derzay
USMC Veteran
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Northern Arizona University, Civil Engineering, student. Experience in working under pressure in diverse situations, supervising personnel, and managing government equipment. Excellent military record, and achievement above and beyond requirements for rank. Extremely High Spatial and Mathematic Aptitudes. Experience in developing alternative wastewater systems for remote locations, and conducting soil, concrete, and asphalt testing. Driven to expand my knowledge, skills, and responsibilities within the fields of Geotechnical, Structural, and Water Resources Engineering and Design.

EDUCATION:

NORTHERN ARIZONA UNIVERSITY

Flagstaff, AZ

- Currently pursuing Bachelor of Civil Engineering.

PARADISE VALLEY COMMUNITY COLLEGE

Phoenix, AZ

- Associate of Science.

PROFESSIONAL EXPERIENCE:

CIVIL DESIGN & ENGINEERING INC.

Flagstaff, AZ

Engineering Intern

February 2022 to Present

- Design and develop alternative wastewater system plan sets and reports for new developments using Civil 3D, WaterCAD, and other programs for Coconino County and City of Flagstaff.
- Perform various wastewater system inspections upon installation.
- Conduct topographical surveys using Total Station, LIDAR, Drone, and various GPS equipment.

SPEEDIE & ASSOCIATES.

Flagstaff, AZ

Lab Technician

October 2021 to February 2022

- Performed various geotechnical engineering tests on soil samples, including Sieve Analysis, Hydrometer, Plasticity Index, Proctor Compaction, PH, Resistivity, Consolidation, Swell, Compression, etc.
- Performed material strength testing including, concrete cylinders, mortar cylinders, and grout prisms.
- Performed various asphalt tests including, Marshalls, Specific Gravity, Burn off Sieve Analysis, etc.

ADDITIONAL WORK EXPERIENCE:

THE HOME DEPOT INC.

Flagstaff, AZ

Kitchen & Bath Designer

July 2020 to Present

- Developed 3 dimensional renderings of kitchen remodels while adhering to customers' budget.
- Developed construction plans of customers' projects to present to local contractors and proposed costs to customers.

AUTOZONE.

Phoenix, AZ

Parts Sales Manager

March 2018 to September 2019

- Supported, and fulfilled the duties of Store Manager and Commercial Sales Manager when needed.
- Provided retail and diagnostic assistance for customers and their vehicles. Also installed general consumables for customers including light bulbs, wipers, and batteries.

BEN AVERY CLAY TARGET CENTER.

Phoenix, AZ

Range Assistant

January 2016 to April 2017

- Assisted in creating a safe firearms environment and pleasant experience for customers.
- Maintained and repaired various recreational equipment and small facility vehicles.

UNITED STATES MARINE CORPS

Camp Pendleton, CA

Aviation Airframe and Hydraulic Mechanic/Technician

June 2012 to October 2015

- Inspected, maintained, and repaired structural and hydraulic systems of over 50 aircraft.
- Safely managed use and disposal of hundreds of hazardous materials (HAZMAT).
- Taught and demonstrated safety procedures to both senior and subordinate personnel.
- "Leading Marines" and "Corporal's Course" Leadership and Education Courses.
- OSHA 10 Hr. Safety Card.