

Who we are:

The Tennessee Department of Transportation provides citizens of Tennessee and travelers with one of the best transportation systems in the country. TDOT is a multimodal agency with responsibilities in building and maintaining roads, aviation, public transit, waterways, railroads, cycling and walking. Our involvement ranges from airport improvements to funding transit buses to planning for river ports.

The Department of Transportation has close to 3,400 employees statewide with regional facilities in Knoxville, Chattanooga, Nashville and Jackson. TDOT's headquarters is located in downtown Nashville.

What the Aeronautics Division does:

The Aeronautics Division supports, promotes and delivers services that encourage and enhance a sustainable, efficient and safe air transportation system in Tennessee. The division provides financial and technical assistance to publicly owned airport operators for the planning, development, promotion, construction and operation of public use airports throughout the state. The division is also responsible for annual airport safety and maintenance inspections, maintaining a statewide airport system plan, promoting aviation education throughout the state and providing flight services to all branches of state government.

For more information on this division, please see link below:

<https://www.tn.gov/tdot/aeronautics.html>



TDOT Intern
Headquarters Aeronautics Division
Grant Management & Airport Compliance
Location: Nashville, TN
Compensation: \$20.00/hourly

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Aeronautics Division's Grant Management & Airport Compliance office located in Nashville, TN. TDOT Aeronautics Division (TAD) oversees the selection of airports statewide that need preventative maintenance. The intern will assist with different aspects of the TDOT UAS Program to ensure users are following the requirements of TDOT's Standard Operating Procedures. The intern will also assist with overseeing TDOT UAS Application. This will also include the development of TDOT's UAS reports as needed. Vegetation scans of Airports will also be evaluated with data analytics.

Responsibilities

- Assist with operation of UAS (Drone) that takes photos of the state approach with survey Ground Control Points.
- Process data to create a photogrammetry.
- Import photogrammetry into computer aided drafting to validate if any trees are in the state-surface.
- Create drawing showcasing locations with tree obstruction with location information.
- Work with the UAS Pilot to assist on gathering data with TDOT Drone.
- Assist with validating if any vegetation issues exist.
- Create a drawing with the vegetation that needs to be removed.
- Assist with the oversight of the UAS software.
- Attend Microsoft PowerBI and ESRI Geoportal Dashboard Training.

Minimum Qualifications

- Aviation (including Drone) major or geographic information systems (GIS) major required.
- Junior, or Senior Class Status required as of May 2024 OR recent Graduate as of Spring 2023.
- Legally authorized to work in the U.S.
- Strong oral and written communication skills, familiarity with Microsoft Office, Reading Comprehension, Problem Solving, Troubleshooting, Time Management and intermediate application of scientific rules and methods preferred.

To be considered for this position, please apply via [SurveyMonkey](#).

Please attach a two (2) page maximum résumé and a transcript to your application.

Applicants will be required to provide an academic portfolio showcasing academic achievements, experience, and knowledge.

Pursuant to the State of Tennessee's Workplace Discrimination and Harassment policy, the State is firmly committed to the principle of fair and equal employment opportunities for its citizens and strives to protect the rights and opportunities of all people to seek, obtain, and hold employment without being subjected to illegal discrimination and harassment in the workplace. It is the State's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin, age (40 and over), sex, pregnancy, religion, creed, disability, veteran's status or any other category protected by state and/or federal civil rights laws.