
Job Description

About Transparent Sky, LLC

Transparent Sky specializes in precision imaging systems designed to operate under many types of field conditions. Our main products are Wide Area Motion Imaging (WAMI) systems which create “maps in motion” for applications like traffic analysis and security. WAMI applications include crowd control, traffic studies, forensic crime-solving, emergency response, disaster relief, and major events. WAMI systems can also provide dense 3D models, automated tracking of vehicles and people, and super-resolved imagery.

Working for Transparent Sky is an opportunity that will rapidly advance your skills to a competitive level. Transparent Sky is a full-spectrum development company. Our algorithm designers have developed image registration and 3D reconstruction algorithms that are over 100 times faster than the leading competitors in open-source and commercial practice. Our integration efforts have led to the creation of Wide Area Motion Imaging systems that are 300% less compared to the closest competitor. In addition to WAMI and gimbal systems, Transparent Sky continues to develop many types of related products, including an earth imaging spacecraft, ground-based tracking systems for the military, and systems for inspecting infrastructures such as life-critical structures and pipelines.

Computer Science and Mechatronic Students Wanted!

Job Summary:

Transparent Sky is hiring for multiple intern positions on our **mechatronic engineering** teams. This position is ideal for local **graduate students**, or **undergraduate students** nearing the end of their program, looking to gain real-world experience in an applicable field that works around your class schedule. Interns will be responsible for designing and troubleshooting equipment or software that will be used in Transparent Sky’s next generation of WAMI systems. For student interns, we offer an unprecedented view of the entire process of design, coding, test, flight, and evaluation.

As an added perk we are located walking distance from UNMs main campus, student interns can skip the shuttle and use our parking lot during the semester. Lunch is also provided daily for employees. Students can expect to work 10 – 30 hours a week with a flexible schedule built around your classes.

Interested candidates should highlight class and previous project experience with any of the following:

- C++
- CMake
- Embedded Linux (nVidia Tegra)
- Circuit layout
- Electronic design
- Circuit board fabrication
- Circuit board test
- gcc
- Inertial Navigation Systems
- Microcontroller programming (ST M32)
- Profiling/performance of code
- Qt
- Robotic system design
- Soldering
- CAD/3D Printing

Please note this position is not eligible for remote work.

Job Types: Part-time, Internship

Pay: \$15.00 - \$20.00 per hour

If interested, please send your resume to:

Miranda Sanchez – miranda.sanchez@TransparentSky.net