CAReer - The Top Talent Program - Mechatronics Architecture Engineer

CAReer - The Top Talent Program seeks entry-level professionals who have recently graduated with an advanced degree to participate in an organization-wide rotational training program before beginning full-time positions with Daimler Trucks North America (DTNA).

The program lasts approximately 15 to 18 months and sends the participants on three project rotations. The trainee spends 4 months in their target area getting to know colleagues, the work environment and the group’s day-to-day business. The trainee spends the remainder of the program on two assignments, one cross-divisional and one international, to give a better understanding of Daimler’s diverse, global operations. Throughout the rotations, he or she attends three training modules abroad with other CAReer participants. At these training modules participants network with other trainees from multiple areas within Daimler AG.

Upon completion of the rotations, the trainee returns to his or her home department and full time entry-level position with DTNA. He or She returns with an organization-wide personal network, advanced product and operational knowledge, and diverse professional experience. In short, CAReer equips the participants with the tools to grow and succeed professionally within Daimler.

CAReer invites all talented, results-driven, and highly motivated applicants who are committed to diversity, fairness, and teamwork to apply.

Job Functions

The Mechatronics (TP/NMI) team combines mechanical and controls engineering, software design, electronics hardware, sensors, and electrical harnesses to ensure the safest, most technically advanced trucks on the roads. Within Mechatronics, members of the architecture team are true commercial vehicle engineers, owners of mechatronics technical roadmap, liaisons between feature owners and the trucking industry to ensure seamless feature integration, homogenously across vehicle platforms.

- Sales/Marketing/Engineering platform management interface for major projects to define scope, dictate architecture, and feature partitioning for a given project.
- Work globally to understand future technologies as it relates to vehicle network, analysis different electrical architecture variants, recommend the next generation architecture for Daimler trucks.
- The creation and maintenance of the Vehicle Messaging Matrix (VMM) through the use and administration of X-tools. Active member of the global VMM networking group.
- Owner of one of the following CAN (controller area network) Buses; J1939 500k, J1939 250k, Diagnostic, Cabin, or Chassis CAN.
- Hardware in the Loop (HIL) and Product Validation Engineering (PVE) interface for major projects.

An effective Mechatronics Architecture Engineer enjoys a hands-on approach, works well on a team, will be motivated, well organized and flexible to constantly changing situations while still maintaining focus on high priority projects. Key characteristics of the successful CAReer associate are authenticity, determination, leadership, ambition, and collaboration. Flexibility, international mobility, and eagerness to experience Daimler’s different locations and products will be invaluable.

Basic Qualifications
• You have graduated within the last 3 years* with a Graduate degree in Mechatronics or Electrical Engineering, Vehicle Technology, Computer Science or a related technical discipline OR you have graduated within the last 3 years* with a bachelor degree in Mechatronics or Electrical Engineering, Vehicle Technology, Computer Science AND have 18 months of work experience through internships or an entry-level position.
• You have a cumulative GPA of 3.3 or above on a 4.0 scale in your relevant degree(s).
• You have at least 6 months of practical experience in Mechatronics or Electrical Engineering, Vehicle Technology, or Computer Science through internships or an entry-level position.
• Your English skills are business fluent.
• You are willing to work on assignment in foreign countries.
• You are legally authorized to work in the United States permanently.
• Proficient foreign language skills are preferred.
• International work experience or international study abroad experience is preferred.
• CANape/CANalyser/CANoe experience is preferred.

*Those who will graduate within 6 months will also be considered.

Since 1942 Daimler Trucks North America LLC (DTNA) has profoundly altered the face of North American highways. DTNA and its subsidiary, Detroit Diesel Corporation (DDC), constitute the largest and most diverse company in the North American commercial vehicle market. Our DTNA family includes the iconic heavy- and medium-duty vehicle brands Freightliner Trucks, Western Star Trucks, and Thomas Built Buses. We also manufacture Freightliner Custom Chassis, Detroit™ axles and components, and Detroit™ engines to ensure a quality product, through and through. Our state-of-the-art Detroit Diesel Remanufacturing (DDR) facilities breathe new life into salvaged engines and components, restoring them to their original condition and functionality and supporting our mission of environmental sustainability. Daimler Trucks North America offers challenging and rewarding careers at its locations across North America in the fields of engineering, manufacturing, sales & marketing, IT, finance, and HR. If you crave international experience, DTNAs parent company, Daimler AG, provides opportunities for overseas placements and travel.

**Daimler Trucks North America - Where great people do great things!**

Final candidate must successfully complete a pre-employment drug screen and criminal background check.

Daimler Trucks North America and Detroit Diesel Corporation are equal opportunity employers.