

Virginia Tech (2025 - Present), Blacksburg, VA

- Research Ambassador, DAAD
 - Advise students, fellow scholars and scientists, as well as ministries and university administrators about German academic organizations and institutions and DAAD funding for research opportunities.

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- Partner University Ambassador, Global Education Office
 - Program analysis and improvements at Virginia Tech and hosting Universities in Germany to facilitate and increase student exchange in both directions.
- Council Member, Student Affairs Office
 - Contributing to the strategic plan and developing tactics for student well-being.

Leser Liaise Consulting, LLC (2024 - Present), Chanhassen, MN & Blacksburg, VA

- Principal Consultant
 - Providing customized technical and business solutions to clients across the disciplines of mechanical testing, simulation, analysis; connect, or "liaise", players to create new solutions.
 - Clients
 - Tire testing and simulation contract test lab
 - AI LLM validation contractor
 - Automotive simulation software supplier
 - Automotive autonomous driving test center

MTS Systems Corporation (1997 - 2024), Eden Prairie, MN

- Product Manager
 - Product planning, development (agile process), and marketing for multiple software and hardware products.
 - Leading multidisciplinary and globally distributed teams.
- Business Development Manager
 - Worldwide responsibility for Electric Power System sales.
 - Applications of motor/drive/dynamometer solutions for electric and hybrid vehicle systems in automotive OEM, Tier 1, and motorsports (Formula 1 and Formula E) applications.
- Sr. Application Engineer
 - Independently leading and managing the technical and commercial aspects of applications activities in the global ground vehicle, aerospace, and materials testing markets.
 - Pursue opportunities with significant new content, technical challenge and risk via established and new custom products.

Mercedes Benz (1994 - 1997), Ludwigsfelde, Germany

- Test Engineer
 - Responsible for planning, execution, analysis, and reporting of physical tests of medium trucks.
- Project Manager
 - Budgeting and scheduling for a state-sponsored research project involving three companies in the area of aluminum usage for medium truck light weighting applications.

Virginia Tech (1990 - 1993), Blacksburg, Va

- Research Assistant
 - Responsible for independent and collaborative work for an industry-sponsored research project in the areas of random process theory and fatigue analysis for automotive components.
 - Preparation of proposals and progress reports, publication and presentation of research results in technical journals, at conferences, and in meetings with the sponsor.

Education

- Ph.D. Engineering Science and Mechanics, Virginia Tech
- M.S. Engineering Science and Mechanics, Virginia Tech
- M.A. Economics, Virginia Tech
- B.S. Mechanical Engineering, Technical University Braunschweig, Germany