

PROFESSIONAL SUMMARY

Interdisciplinary Knowledge: Structured working style with experience in engineering and design disciplines

Product Development: From user research, CAD modelling through prototyping to testing and refinement

Abstract Reasoning and Problem-Solving Ability: Alva Labs logic test score of 9 (93rd–98th percentile)

SKILLS

Verification & Validation
Design Thinking

Supplier & Customer Communication
Strategic Concept Development

Planning & Organisation
CAD & Global Standards

EDUCATION

Master of Science in Integrated Product Design

2025 - Present

KTH Royal Institute of Technology, Sweden

- **Courses include:** Machine Design, Project Management: Leadership & Control, Design for Sustainability, Advanced Product Design, Eco Design, Advanced Service Design.

Bachelor of Science in Mechanical Engineering

2020 - 2025

Otto-von-Guericke University Magdeburg, Germany

- **Courses included:** Machine Design, Advanced Machine Elements, Algorithms & Programming, Mechanics, Thermal & Fluid Dynamics, Digital Product Development, Business Administration.

PROFESSIONAL EXPERIENCE

Mechanical Design Engineer | Raiser GmbH & Co. KG. | Germany

Mar 2025 - Aug 2025

- Designed machine parts and their assembly for automated friction welding solutions.
- Participated in meetings with top management to track the progress of urgent projects.
- Fabricated functional prototypes to solve problems at existing applications.

Dual Student | IFA Holding GmbH | Germany

Aug 2020 - Oct 2024

- Developed an early understanding of automotive drivetrain components, development processes and global supply chain dynamics through direct integration into IFA's engineering and production operations.
- Combined university coursework with hands-on training, building practical knowledge of precision manufacturing, dimensional tolerances and quality standards in a tier-1 automotive production environment.

PROJECTS

Bachelor Degree Project: Material Substitution in CFRP Wheel Design

Nov 2024 - Jan 2025

Otto-von-Guericke University Magdeburg, Germany

- **Work included:** FEA & Simulation, Materials Engineering, Design Optimisation, Process Assessment.
- Demonstrated potential rim star mass reduction of 60% and total wheel mass reduction of 28% compared to the aluminum baseline while maintaining equivalent structural safety.

LEADERSHIP & VOLUNTEERING

Tennis Coach | Swedish Tennis Society | Stockholm

Aug 2025 - Present

- Coached 1-on-1 through group sessions, managing varying skill levels simultaneously while maintaining engagement and a structured learning environment.
- Fostered a positive, encouraging training atmosphere for young athletes, building trust with children and developing age-appropriate communication and motivational strategies.

ADDITIONAL INFORMATION

- **Languages:** fluent in English and German, intermediate in Swedish
- **Certifications:** Bearing the German title for Engineer: "ING."
- **Software Skills:** Inventor, Solid Works/Edge, MS Office, Ansys, MatLab, Blender, Figma