Viktor Palm

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EDUCATION

KTH Royal Institute of Technology 2026 – Present
MSc Machine Design Stockholm

- **Coursework:** Robust and probalistic design, Machine Design Fundamentals and Model-Based Design.

KTH Royal Institute of Technology 2023 – 2026
BSc Product design and realisation Stockholm

- **Coursework**: Product Design and Realisation, Design Methodology, Thermodynamics, Fluid Mechanics, Electrical engineering, Computer Science, Industrial Management
- **Thesis**: *Development of Sound Propagation Models in the Atmosphere: Angle-Dependent Ground Reflection in the Green's Function Parabolic Equation.*
  Extended a wave-propagation solver with a terrain-adaptive method; benchmarked against established GFPE/BTPE solvers over flat and irregular terrain (up to 20° slopes), identifying a possible numerical artifact in the reference method.

EXPERIENCE

Primus-Silva AB 2023 – 2025
R&D Engineer Stockholm

- Developed and optimised existing products in the Primus range by analysing customer feedback and technical specifications. Conducted market research and trend analysis in the outdoor equipment market to find segments where Primus could strategically position its products.
- Designed and prototyped new products using 3D modeling in Solidworks, 3D printing, and testing to ensure efficient assembly and ease of use. Created technical drawings and collaborated with production companies to guarantee manufacturability.

BEAB Electrical Consultants Part-time: 2016 – 2023
Electrical Design Engineer Assistant Stockholm

- Electrical design for renovations and new construction of residences, cleanrooms, and offices.
- Collaborated with architects, construction managers, HVAC engineers to integrate electrical solutions into building designs.

KTH Royal Institute of Technology 2024 – Present
CAD Lab Assistant Stockholm

- Assisted students in learning CAD software (SolidEdge) through tutorials, lab sessions, and individualized support.
- Graded assignments and provided constructive feedback to help students understand key concepts such as drawing standards, parametric design and design for manufacturing.

SKILLS

CAD & Design: SolidWorks (Certified SOLIDWORKS Associate), SolidEdge, NX, Keyshot, Prototyping, ANSYS, Additive Manufacturing
Programming : Matlab, Python
Languages : Swedish, English