ing. Boas Prins

Electrical Engineer

Robotics & AI Enthousiast

Contact

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Location: Leeuwarden, Netherlands

Skills

- Python
- C#
- C++
- Artificial Intelligence
- Computer Vision
- Embedded Systems
- Robotics
- Communication
- Analytical Thinking

Languages

- Dutch – Native
- English – Fluent

Hobbies

I spend my free time immersed in music, whether it's playing piano and guitar or producing new tracks. I also love exploring programming and experimenting with AI projects. When I'm not creating, you'll likely find me hanging out with friends or going on an adventure.

Social Media

boas.prins

Boas Prins

Profile

Driven by curiosity and a love for technology, I combine my Electrical Engineering background with Robotics and AI to develop innovative, high-tech solutions. I'm constantly exploring new tools and methods to transform ideas into functional systems.

Experience

Engineering Intern Photonis Netherlands

Feb. 2022 – Jul. 2022 (6 Months)

- Designed and implemented a supervised computer vision pipeline for defect detection in industrial imagery.
- Collected, labeled, and analyzed image data to improve model performance and reliability.
- Tuned and evaluated machine learning models to meet production-level accuracy requirements.
- Worked closely with engineering stakeholders to adapt the solution for integration into an existing production environment.

R&D Engineering Intern Batenburg Beenen

Feb. 2023 – Jul. 2023 (6 Months)

- Developed and iterated on computer vision and machine learning components for real-world robotic perception.
- Designed data pipelines and optimized image processing workflows to improve inference accuracy and robustness.
- Evaluated and implemented contemporary machine learning approaches based on performance trade-offs.
- Collaborated in a multidisciplinary R&D team to prototype, test, and refine an autonomous system.

Education

B.Sc. Electrical Engineering

NHL Stenden | University of Applied Sciences

2019 – 2023

Studied electrical systems, electronics, and automation, completing practical and theoretical projects in engineering.

Pre-Master Biomedical Engineering

University of Twente

2023 – 2024 (Discontinued)

Completed coursework in biomedical instrumentation, signal processing, and applied engineering principles.

Pre-Master Robotics

University of Twente

2024 – 2025 (Discontinued)

Participated in courses and projects on robotics, control systems, and mathematics.

Courses

Computer Vision and Data Science

NHL Stenden | University of Applied Sciences

Aug. 2021 – Feb. 2022

Explored computer vision techniques, machine learning algorithms, and data analysis through practical projects and hands-on exercises.