Jonas Wielenberg



Personal details



jonas.wielenberg@gmail.com



Timrå, Västernorrland



February 7, 1999



linkedin.com/in/jonaswielenberg-00698325b



www.wielenberg.info

Profile

Driven electrical engineer with a passion for technology, travel, and innovation. Enjoys learning new things and working hands-on with practical solutions.

Skills

- Robotics
- Automation
- Python
- Autodesk Inventor

Languages

- German native
- English fluent
- Swedish Intermediate

Hobbies

- Traveling
- Hiking
- Woodworking

Education

Master's degree, Electrical and Electronics Engineering

Aug 2022 – July 2023

Sep 2017 - Oct 2022

Jade University of Applied Sciences / Mid Sweden University

Master Thesis: Data Annotation and Development of an Al Model to Identify and Distinguish Two Target Gases Using a Multi Sensor System

Bachelor's degree, Electrical and Electronics Engineering

Jade University of Applied Science

Bachelor Thesis: Enhancing an automatic lawn mower with help of Ultra-wideband radio technology for positioning. During the project, I improved my Python programming skills and got a solid knowledge of radio technologies for positioning.

Employment

Electrical Engineer

Aug 2023 - present

Iberobot Svenska AB, Timrå, Västernorrlands Län, Sweden

Planning and execution of projects.

Optimization of internal process chains.

Programming of robotic systems.

Providing service and support for existing machines.

Electrical design and planning for CNC machines.

Managing internal small-scale projects involving microcontrollers.

Testing and commissioning of new machines.

Student Tutor

Mar 2020 - Jul 2024

Jade University, Wilhelmshaven, Lower Saxony, Germany

Teaching and helping other students to understand the basic knowledge about electricity and electronics.

Academic Internship

Aug 2020 - Feb 2021

Bau-ABC Rostrup, Bad Zwischenahn, Lower Saxony, Germany

Automate a milling machine loading process with Universal Robots. Design models in Autodesk Inventor.

Basic knowledge in welding and pneumatics.

Teaching students.

Internship

Aug 2015 - Jul 2016

Jähnig Elektrotechnik GmbH, Oldenburg, Lower Saxony, Germany

Network and data cabling in residential and commercial buildings. Electrical installations in private homes, multi-family buildings, and public facilities.

Retrofitting and system upgrades based on client requirements