

ROBERT ANTHONY

MECHANICAL ENGINEER

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Birth Date: 22 June 1993

Address: Munich

Language: English



PERSONAL PROFILE

I am a self-motivated and future focused individual who can easily adapt to the changing nature of a dynamic, high pressured and collaborative environment. My background in mechanical engineering has fostered an interest in design and coding, and a passion for automation.

SPECIAL PROJECTS

- Adaptation of parts for injection moulding, thermoforming and vacuum casting
- European norm compliant redesign of a charger docking station for a mobile robot
- Setting up an in-house built plasma cutter
- Design and implementation of a custom torch height controller for existing plasma cutter
- Design of a machine to form aluminium angle into rings

EDUCATION

Master of Engineering in Mechanical Engineering

Cape Peninsula University of Technology

Bachelor of Technology in Mechanical Engineering

Cape Peninsula University of Technology

REFEREES

CLEMENS BECKMAN

HEAD OF ENGINEERING -
ROBOTISE AG

+49 157 36523011

WORK EXPERIENCE

Cevotec GmbH, Production Technology Engineer

JULY 2023 - CURRENT

- Aiding in the design of novel Fiber Patch Placement (FPP) machines
- Managing the PDM system - Autodesk Vault
- Prototyping and testing system components

Robotise AG, Product Development Engineer - Service Robotics

APRIL 2022 - APRIL 2023 (COMPANY WENT INSOLVENT)

- Rapid prototyping of new designs
- Link between the Engineering team and the Assembly team - helped solve design issues affecting production
- Responsible for engineering change orders from other departments
- Redesigns for cost reduction (SolidWorks)
- Design tooling to support the Assembly team
- Create drawings and production files for ordering of parts
- Design new iterations of the mobile service robot JEEVES
- Create BOMs and enter them into Odoo ERP system

Henred Fruehauf, Junior Mechanical Design Engineer

DEC 2017 - DEC 2021

- Design modifications to existing machinery
- Assist in installing machinery and robotics on the production line
- Fault finding, diagnosing and repairing of robots and machinery
- Jig and machine design to optimize the production line
- 3D CAD software, mainly SolidWorks but also Creo to run basic FEMs.
- Sourcing parts for the manufacture of completed designs

Old Mill Rod & Custom, Motor Mechanic

AUG 2012 - DEC 2014

- Metal fabrication and welding
- Custom fitting of engines and suspensions

SKILLS

- CAD Software: SolidWorks, Inventor, PDM software, Creo Parametric, and Fusion 360
- Part design in both steel and plastics - for manufacture according to European norms and standards
- Thermoforming, vacuum casting, injection moulding, 3D printing
- Critical thinking skills that allow for complex problem solving
- Ability to identify and innovate simple solutions to complex problems
- Learning agility - ability and willingness to continuously learn and apply what I have learnt to new situations

BRAAM KRAMER

SENIOR DESIGN ENGINEER -
HENRED FRUEHAUF

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