

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name  
Address  
Telephone  
E-mail  
Nationality  
Date of birth

**JANSEN VAN VUUREN, GODFRIED**

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

**APRIL 2012 - PRESENT**

The BioRobotics Institute, Scuola Superiore Sant ' Anna, Pisa, Italy

Creative Design Area

Laboratory Technician

3D Design (SolidWorks CAD), prototyping, testing, and modification of complex mechatronic components to be integrated in autonomous underwater robotic systems and industrial projects/applications.

Manufacturing, assembly, testing, characterization, and maintenance of advanced mechatronic systems developed in the H2020 Framework such as ANGELS, CoCoRo, Replicator, subCULTron and Robocoenosis.

Manufacturing, assembly, testing, characterization, and maintenance of advanced mechatronic systems developed for industrial companies like GE, Amazon, Italgas, Camozzi and Magneti Marelli.

Manufacturing of 3D prostheses in synthetic and biological material of the middle ear in the project BIOMEAR.

Manufacturing and assembly of a testing system to evaluate, in real time, the forces that are applied to teeth by dental braces.

Manufacturing and testing of an advanced energy harvesting system in the project OPTEMUS.

Assembly, integration, and managing of complex industrial sensory systems (Industry 4.0).

Planning and implementation of manufacturing sequences for automated CNC production.

G-Code, MATLAB and Vetric Aspire programming, testing, and debugging of 4-axis CNC machine for automated industrial processes.

Operation and maintenance of 4-axis CNC machine for precision and automated 3D manufacturing of inlays and various functional mechanical components.

Negotiating with suppliers and international partners regarding project requirements and ordering of various components.

Management of orders, inventory, parts, and components for workshop and robotic systems.

Organization and participation in national and international workshops/meetings/project reviews.

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### **MARCH 2009 - SEPTEMBER 2011**

Angolan Adventure Safaris, Kwanza Lodge, Luanda, Angola

Fishing Lodge, Tourism

Construction/Maintenance Manager, and Assistant Lodge Manager.

Electrical installation, construction and maintenance of accommodation units, conference room and piers for securing boats (wood construction), construction of cement walkways.

Installation of plumbing, irrigation, and air conditioning units.

Installation, maintenance and repair of Perkins & Caterpillar generators, company vehicles and boat engines, including the ordering of various parts.

General lodge management: Bookings, customer service and managing of staff.

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### **SEPTEMBER 2008 - MARCH 2009**

Private Construction Company, Angola

Electrical Construction, Renovation and Maintenance

Electrician

Complete electrical renovation of buildings and offices (lights, power points, air conditioning units and power generators).

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### **MARCH 2008 - SEPTEMBER 2008**

VOS Electrical, Somerset West, Western Cape, South Africa

Electrical Construction and Electrical Maintenance

Site Manager

Electrical Construction/Installation of residential and commercial buildings (single and 3-phase)

Maintenance and repair of electrical equipment.

24Hour emergency standby service

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### **MARCH 2006 - MARCH 2008**

Marx Electrical, Paarl, Western Cape, South Africa

Electrical Construction

Skilled Laborer

Electrical Construction and Installation of houses (single and 3 phase), Electrical Installation of multistory office buildings (3 phase) and shopping centers.

## EDUCATION AND TRAINING

<ul style="list-style-type: none"><li>• Dates (from – to)</li></ul>	From 1999 – 2004
<ul style="list-style-type: none"><li>• Name and type of organization providing education</li></ul>	Vredenburg High School, Vredenburg, Western Cape, South Africa
<ul style="list-style-type: none"><li>• Principal subjects</li></ul>	English, Afrikaans, Biology, Mathematics, Science and Geography
<ul style="list-style-type: none"><li>• Title of qualification awarded</li></ul>	High School Certificate (Senior Certificate)
MOTHER TONGUE	ENGLISH AND AFRIKAANS
OTHER LANGUAGES	ITALIAN
<ul style="list-style-type: none"><li>• Reading skills</li></ul>	Above Average
<ul style="list-style-type: none"><li>• Writing skills</li></ul>	Above Average
<ul style="list-style-type: none"><li>• Verbal skills</li></ul>	Above Average
ORGANIZATIONAL SKILLS	<p>Extremely organized, problem-solving attitude, and responsible. Ability to establish and maintain good working relations with people of different national and cultural backgrounds. Good experience in project and team management, able to work well in teams. Self-motivated and flexible in assignments. Excellent computer skills. Excellent communication skills. Writing of project proposals, scientific deliverables, and reports.</p>
TECHNICAL SKILLS	<p>Profound knowledge of SolidWorks CAD/CAM program. Good knowledge of ISO code for fabrication purposes. Excellent knowledge of electrical equipment i.e., hand tools, electrical testing equipment, power tools, electrical components. Excellent knowledge in electrical measurement and faultfinding. Soldering and assembly of complex electrical components/systems. Interpretation and drafting of detailed technical drawings. Planning and implementing of manufacturing sequences for automated productions. G-Code programming, testing, and debugging of 4-axis machine for automated industrial processes. Manufacturing of various components/ parts from technical drawings and 3D CAD designs with 4-axis CNC machine. Ordering of electronic, mechanical, and mechatronic components from catalogues.</p>
PUBLICATIONS AND PATENTS	<p>9 Scientific publications. 2 Patents as Co-Inventor (WO2018193432A1; US11420828B1)</p>