

**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) of various mechatronic systems.

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.

Design, fabrication, testing, and modification of complex mechatronic components needed to be installed in bioinspired autonomous robotic and aquatic systems.

Manufacturing, assembly and maintenance of advanced mechatronic systems developed in the framework of the European Project ANGELS, CoCoRo, Replicator, subCULTron and Robocoenosis.

Testing and characterization of mechatronic systems in the project ANGELS, CoCoRo, Replicator, subCULTron and Robocoenosis.

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).

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

Omissis, Luanda, Angola

Fishing Lodge, Tourism

Maintenance Manager, Construction Foreman 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 satisfaction and managing of staff.

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SEPTEMBER 2008 - MARCH 2009

Omissis, Angola

Electrical Construction, Renovation and Maintenance

Electrician

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

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MARCH 2008 - SEPTEMBER 2008

Omissis Western Cape, South Africa

Electrical Construction and Electrical Maintenance

Site Foreman

Electrical Construction and Installation of houses (single and 3-phase)

Maintenance and repair of electrical equipment.

24Hour emergency standby

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MARCH 2006 - MARCH 2008

Omissis 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

- Dates (from – to) From 1999 – 2004
- Name and type of organization providing education Vredenburg High School, Vredenburg, Western Cape, South Africa
- Principal subjects English, Afrikaans, Biology, Mathematics, Science and Geography
- Title of qualification awarded High School Certificate (Senior Certificate)

MOTHER TONGUE

ENGLISH AND AFRIKAANS

OTHER LANGUAGES

ITALIAN

- Reading skills Above Average.
- Writing skills Above Average.
- Verbal skills Above Average.

ORGANIZATIONAL SKILLS

Extremely organized, problem solving attitude, 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.

TECHNICAL SKILLS

Profound knowledge of SolidWorks CAD program.
Good knowledge of ISO code for fabrication.
Excellent knowledge of electrical equipment i.e. hand tools, electrical testing equipment, power tools, electrical components.
Excellent knowledge in electrical measurement and faultfinding.
Soldering of various electrical components.
Interpretation and drafting of complex 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.

OTHER SKILLS

Completed a firefighting course at *Omissis*, Cape Town, South Africa, Completed a Medical Course (Level 3 Advanced) in Saldanha, South Africa with the National Sea Rescue Institution (NSRI)
Outboard Motor course with NSRI in Saldanha.
European safety course, Pisa, Italy