

CHARLOTTE MAY

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linkedIn.com

📍 Hwange Power Station, Zimbabwe

EXPERIENCE

Trainee Mechanical Engineer

Padberg

⌚ 2015 - Ongoing 📍 Hwange Power Station, Zimbabwe

Padberg is an investment vehicle in the generation of electricity and the organization construct, own, operate and maintain power generation stations for the supply of electricity in Zimbabwe.

- FMEA on supplier part issue; eliminated daily scrap of 4-5 parts.
- Utilized Excel to update Standard Work Sheets for 3 programs; TRENT 700, CF6-80 E1, & CF34-10E.

Mechanical Engineering Intern

Lauzon

⌚ 2013 - 2015 📍 Hwange Power Station, Zimbabwe

Lauzon is one of the world's largest suppliers of technologically advanced aerospace and defense products.

- Reduced the assembly time of the 3D printers by 40% by designing, programming and building machines
- Created & updated 100+ illustrated planning's of all programs within Regional & Engines (RB211).

Mechanical Engineer

Torphy

⌚ 2010 - 2013 📍 Hwange Power Station, Zimbabwe

Torphy is a Norwegian based global provider of products, services and systems to the oil and gas industry with subsidiary companies in over 20 countries.

- handed over 44 projects in 8 months.
- Reduced the cycle time of a batch of pre-cured strips by 1 minute, by time and motion analysis
- Reduced number of fasteners by 25% through component standardisation
- Finished installation Mechanical work in Waste water treatment Plant, (140,000m³/d) in HCM City.

Mechanical Engineer (NOC Code: 2132)

Lauzon

⌚ 2009 - 2010 📍 Hwange Power Station, Zimbabwe

Lauzon is a consultancy firm dedicated to engineering projects.

- Increased revenue with 30%.
- Individually formulated the design and erection of 3 stage rotor jet ejector system.
- Experienced with ASME VIII, B16.5, B31.3, TEMA 9th Edition, CAP 437 and NFPA 11 codes and standards.

Mechanical Engineer

Grimes

⌚ 2007 - 2008 📍 Hwange Power Station, Zimbabwe

Grimes is a large employee-owned, multidisciplinary professional services firm providing technical and strategic services.

- Used 3D Printing technology on a daily basis as part of the prototyping process for products I designed.
- 3D Computer Aided Design, Drafted Standard Geometric Dimensions, Tolerancing
- 2 patents filed in the field of digital cutting and digital printing.

INDUSTRY EXPERTISE

Solidworks 3DS



AutoCAD



Wastewater treatment systems design



ACHIEVEMENTS

Experience

Having the chance to work and acquire experience in my field of studies.

Go-getter

Eagerness to learn and take new challenges.

REFERENCES

Philippe Roy

Head of Payload Mechanical & Thermal Architecture - TAS
philippe.roy@thalesaleniaspace.com

Gilles Brocard

Head of Telecommunication Solutions Bid - TAS
gilles.brocard@thalesaleniaspace.com

STRENGTHS

Statistical Softwares

MINITAB, Excel

Design Softwares

Unigraphics & Nastran NX, Solid Works, Autodesk Inventor, AUTOCAD, TeamCenter, Illustrator, InDesign.

Strengths

Communication and problem solving skills, team worker, proactive, sense of urgency, results oriented and continuous improvement focus.