



BORIS WANSCHURA

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CURRICULUM VITAE

Personal information

29 Nov 1984

Nationality

Valid Visa for

Born in Eckernförde, Germany

German

South Africa (Critical Skills Work Visa)

Occupation

Oct 2014 - Mar 2015

SARETEC (South African Renewable Energy Technology Centre) - Cape Town, South Africa
Advising Engineer: Developing teaching and learning material for the Occupational Certificate for the Wind Turbine Technician

Mar 2011 - Feb 2012

CIS Conveyor Integrated Systems - Cape Town, South Africa

Design Engineer: Materials handling; logistic and conveying systems; project management; CAD

Nov 2011 - Jan 2012

CUBE-Engineering - Kassel, Germany

Researcher in South Africa: Research in the developing wind energy market and feed-in tariffs

Studies

Mar 2012 - Oct 2014

M.Sc. Wind Engineering - University of Applied Sciences Kiel, Germany

Master-Thesis: "Assessment of South Africa`s developing market for modern wind energy power plants"

Sep 2006 - Mar 2011

B.Eng. Mechanical - University of Applied Sciences Kiel, Germany

Field of attention: Design and development theory

Internships and Miscellaneous

Oct 2013 - Jan 2014

Juwi International GmbH - Wörrstadt, Germany
Department International Site Assessment Europe/Africa: Evaluation of met mast data; wind park planning, yield, noise, shadow calculation; site compliance; wind reports

Nov 2012 - Jun 2013

Wind turbine design competition 2013 NHL - Netherlands
Designing a small wind turbine (IEC-61400-2)

Jul 2010 - Feb 2011

Repower Systems AG - Osterrönfeld, Germany
Bachelor-Thesis: "Tutorial for SolidWorks Simulation for analysing and optimizing platforms in towers of wind energy plants"
Presenting, implementing, lecturing at Repower Systems

Aug 2006 - Sep 2006

Sachau Zerspanungstechnik - Kiel, Germany
Different departments: Basic skills metalworking and polymer processing; basic training on machine tools in lathing, cutting, electronic and gas welding; measuring techniques; quality management; single item production of sheet metal and profiles

Jul 2006 - Aug 2006

Schlosserei Hobrecht Maschinenbau - Dannau, Germany
Basic skills metalworking; operations scheduling; logistics

School education

Aug 2003 - Jul 2006

General qualification for university entrance - IGS Kiel, Germany

Aug 1995 - Jul 2003

Gymnasium - Max-Planck-Schule Kiel, Germany

Computer skills

Good knowledge of

WindPRO 2.8/2.9; ArcGIS 10.2; Windographer;
SolidWorks (CAD/ Simulation); AutoCAD;
MS Office 2007/ 2010/ 2013 (WORD/ OUTLOOK/
PowerPoint/ EXCEL incl. VBA)

Member of

SAWEA – South African Wind Energy Association

SAIMechE – South African Institution of Mechanical Engineering

Hobbies

Kitesurfing; Yoga; Running

Languages

German

Mother tongue

English

Fluent in spoken and written