Curriculum Vitae

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Citizenship	South African, German
Date of Birth	14-11-1978
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Graduate Studies

1996 - 2000	B.Sc. Chemical Engineering, (*Cum Laude*), University of the Witwatersrand, South Africa
2001 - 2003	PDEng, M.Sc. Chemical Technology (Ir.), University of Twente, The Netherlands *Thesis: Computational modelling of a bubbling fluidised bed using commercial Computational Fluid Dynamics Software(CFD) software.*

Postgraduate Studies

2001 - 2003	Master of technological design (MTD), Process development program, University of Twente, The Netherlands

Other Qualifications

2003, June	Linux Professional Institute Certification, Level 1 (www.lpi.org)

Published Works

Doctests	http://www.pyzine.com/Issue008/index.html (*pending*)
SchoolTool Project	http://www.zopemag.com/Issue010/index.html (*pending*)

Current Activities

2004-9 – current	SchoolTool Project *Volunteer release management, development and packaging for the SchoolTool project. working on a day to day basis with 7 geographically dispersed developers on a web based system for school administration. http://www.schooltool.org/*
2004-9 – current	Sponsored Debian Maintainer *Current Packages: schooltool, schoolbell, python-tcpwrap, python-tz (NEW). http://qa.debian.org/developer.php?login=jinty@web.de*
2005-1 – current	miniTTML project *Sole member of an alioth project to write a TTML parser in python. TTML is an XML/MathML based language for describing timetabling problems. http://minittml.alioth.debian.org.*

Project Experience

2002-3, 1 Year	Researcher in Computational Fluid Dynamics(CFD) *Solo research project undertaken to use CFD software(CFX) to model fluidised bed reactor. Sponsored by Sasol Limited, under the supervision of Prof.dr.ir. J.A.M. Kuipers, University of Twente. The Netherlands*
2001-2, 4 Months	Conceptual designer of a "Fischer-Tropsch"plant *With a colleague I successfully conceptually designed a "Fischer-Tropsch"plant based on a feedstock of coal and biomass for Sasol Limited. Using Aspen Plus we explored the effects of a changes in feed on the plant. The work was performed under the supervision of Prof.dr.ir. H. van den Berg.*
2000, 3 Months	Internship, Sasol Limited *Assistant to an engineer creating a neural network computer model of a chemical plant. Responsibilities: take and verify measurements and construct an initial model.*
1999, 1 Month	Internship, McKinsey & Co. *An internship forming part of recruitment program. Working in a team of 2 interns we successfully completed a task based costing analysis of a media firm.*

Proficiencies

Debian Packaging	debconf, daemon setup, database, packaging for python
Languages	make, Python, BASH
Python	xml processing, distutils, unit/functional testing

Linux	Release Manangement, System administration and networking, Revision Control - Subversion
Engineering	Computational modelling for conceptual design (with Excel, Matlab, Mathcad, Aspen Plus, Aspen Custom Modeller), CFD modelling (with CFX), Theory of conceptual design.

Languages

Native	English
Fluent	Spanish
Basic	Afrikaans, Dutch, German

References

Prof.dr.ir. J.A.M. Kuipers

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