

CURRICULUM VITAE

Andreas Dawid Pauley

An experienced software developer with a passion for programming languages and problem solving.



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Nationality: South African

Languages: Afrikaans, English

Marital Status: Married

EDUCATION

Tertiary

In progress: B.Sc. Computer Science
(University of South Africa)

National Certificate in Datametrics
(University of South Africa)

High School

Hoërskool Piet Potgieter (1993-1997)

Subjects

Afrikaans, English, Mathematics, Physical
Science, Biology, Music (all HG)

WORK RECORD

EFS Investment Solutions (Jun 2007 – present)

Translate.org.za (Nov 2006 - May 2007)

Quality Business Consultants (Jan 1999 - Oct
2006)

POSTAL ADDRESS

P.O. Box 5194
Rietvalleirand
Pretoria
South Africa
0174

Technology Interests

Functional Programming:

Erlang, Clojure, Haskell etc.

I am one of the community funders of the Clojure project:

<http://clojure.org/funders>

Agile Software Development:

I have been involved in Agile software development since 2004.

Notably: Extreme Programming, Scrum and Kanban.

Skills Summary

Languages used professionally:

- Smalltalk (Extensive)
- Python (Extensive)
- Unix shells (Extensive)
- PHP (Extensive)
- Java (Moderate)
- Progress 4GL (Moderate)
- C++ (Moderate)
- C# (Moderate)
- Expect (Limited)

Informally used languages:

- Clojure (Limited)
- Haskell (Limited)
- Erlang (Limited)
- Ruby (Moderate)
- Common Lisp (Limited)
- Scheme (Limited)
- Mathematica (Limited)
- Objective C (Limited)
- C (Limited)
- Assembly (Limited)

Operating Systems:

- Linux (Extensive)
- Mac OS X (Extensive)
- OpenBSD (Extensive)
- FreeBSD (Extensive)
- NetBSD (Limited)
- SCO OpenServer (Moderate)
- SCO Unixware (Extensive)
- Solaris (Limited)
- Microsoft Windows (Extensive)
- MS-DOS (Extensive)

Web Frameworks:

- Zope (Extensive)
- Plone (Moderate)
- Django (Limited)
- Ruby on Rails (Limited)
- Drupal (Limited)
- PostNuke (Moderate)

Version Control:

- Git (Extensive)
- Bazaar (Extensive)
- Subversion (Moderate)
- CVS (Limited)

Database Systems:

- GemStone/S (Smalltalk object database) (Extensive)
- MySQL (Moderate)
- PostgreSQL (Moderate)
- Progress (Moderate)

Employment Experience

EFS Investment Solutions

June 2007 - Present

Software Development

Part of an agile team of Smalltalk developers responsible for the development and maintenance of the core financial trading platform (running GemStone/S).

Notable achievements:

- We imported all retirement assets of Ovation Global (a company that has been put under curatorship) within a tight court-imposed deadline.
- Improved the deployment process from being a manual set of instructions to being nearly fully automated.
- Improved team dynamics and effectiveness by systematically introducing and improving agile practices.

translate.org.za

November 2006 - May 2007

Software Development

Worked on the translate-toolkit and Pootle (open source localization software and API's written in Python).

<http://translate.sourceforge.net/>

Managing Localization Projects

- Project Lead for the [Afrikaans](#) localization of [OpenOffice.org](#)
 - <http://projects.openoffice.org/native-lang.html>
- Part of the the team implementing [Pootle at OpenOffice.org](#).
 - Helping to write Unix scripts that automate the localization process
 - Advising the the relevant people from Sun Microsystems on matters relating to Pootle and the translate toolkit.
- Managed the translation and QA process for the Creative Commons licenses
 - <http://creativecommons.org/license/>

Quality Business Consultants

January 1999 - October 2006

- System Analysis
- Software Development
- Object-Oriented Analysis & Design
- Methodology Development
- Course Presenter
- Network and Systems Engineering
- Research and Development

Qualifications and Courses

In progress:

Unisa – B. Sc. Computer Science, Computational Intelligence

<http://wikistudent.ws/Unisa/User:Andreas>

Unisa – National Certificate in Datametrics (2005 - 2008)

Kent Beck – Extreme Programming Master Class (June 2005)

Incus Data – Object Oriented Analysis & Design (May 2005)

SCO – UnixWare 7 Master Advanced Certified Engineer (1999 - 2000)

Obsidian Systems – PHP and PostgreSQL Development

TDF Computer People Development – ITUC Concepts of Data Processing (1998)