
Curriculum Vitae: Dr. Paul de Vrieze

Personal data

Name : P.T. de Vrieze (Paul)
Address : Krüsisstrasse 8, 9000 St. Gallen, Switzerland
Birthdate : 30 September 1979
Telephone number : +41 76 7261582 (Mobile) / +41 71 244 2914 (Home)
E-mail : pdevrieze@acm.org
Nationality : Dutch

Professional experience May. 2008 – Jan 2009 SAP Research CEC St. Gallen, St. Gallen, Switzerland
Senior Researcher

At SAP Research I have been leading the SAP team working on the European FP7 FAST (Fast and Advanced Storyboard Tools) research project. This project aims to create an end-user programming environment for the development of visual mini applications (gadgets). These enterprise mashups can be used as situational applications for enterprise use such as perimeter ERP, CRM, SCM, etc.

- Lead the project, including responsibility for cooperation with partners, time schedule, scientific direction, financial and risk reporting etc.
- Manage the project team at SAP.
- Represent SAP interests in interaction with the project consortium.
- Analyze the characteristics of situational enterprise applications, and provide requirements for end-user composition of these applications.
- Investigate the supporting technologies for the end-user programming environment such as: context awareness, web 2.0, semantic technologies, web service technologies, etc.
- Write EU-deliverables and scientific papers reporting the research.

Jul. 2007 – Feb. 2008 CSIRO (Commonwealth Scientific and Industrial Research Organization) Tasmanian ICT Centre, Hobart, Australia

Postdoctoral Research Fellow

- Perform research as part of the project team with the goal of developing the needed knowledge and a prototype that provides personalised advice to patients of diseases with a behavioural component.
- Revise and redirect the project plan. Write scientific papers and internal reports.
- Communicate with potential end-users to assess requirements and possibilities. Communicate with research partner to assess requirements and expectations, and provide feedback on the nature of possible results.

Sep. 2006 – Feb. 2007 AT Computing, Nijmegen, The Netherlands

IT Consultant

Consulting in the following areas

- Analyze and improve performance of a radar monitoring system (written in C++ with Qt)
- Development of shipping traffic analysis system (written in C++ with Qt)
- Organization of computer systems and network administration
- Troubleshooting programming issues

- Perform audit on computer infrastructure for outsourcing of system administration.
- Perform audit of java application to assess problems with product.
- Teach java, and extend the existing course to include J2EE aspects. Teach Unix/Linux introductory course.

Apr. 2002 – Jun. 2006 Radboud University Nijmegen, The Netherlands

Researcher

- Research on a theoretical model to describe and design user adaptive behaviour in user adaptive systems. The model is used as basis for domain specific language for adaptive behaviour.
- The development of an efficient method for the design of adaptive behavior according to the theoretical model.
- The development of a framework for the evaluation of the quality of adaptive personalisation. Based upon the theoretical model it allows the evaluation of individual aspects of the adaption.
- The development of a prototype in *Java* with which the model and method were tested.
 - Domain specific language semantics defined by theoretical model.
 - Defines a syntax for adaptation description.
 - Various programmability enhancements identified.
 - Implements a fully functional parser and interpreter.

Apr. 2001 – Feb 2002 Tilburg University, The Netherlands

Master project

Evaluate classification based information retrieval based upon a prototype system that receives and forwards a search query, retrieves and classifies search results and presents them in a new order based on the classification.

Apr. 2003 – now Gentoo Foundation (Gentoo Linux distribution)

Developer

- Maintain packages such as openoffice.org and subversion
- Trustee for the foundation and co-manager of the project (part of the time)

Education 2002 – 2006 Radboud University Nijmegen, The Netherlands

Ph.D. Information Science

Thesis title: *Fundamentals of Adaptive Personalisation*. Supervisors: *Prof.dr. Theo van der Weide* and *Dr. Patrick van Bommel*.

1997 – 2002 Tilburg University, The Netherlands

M.Sc. Information Science

Thesis title: *Improving Search Engine Technology*. Supervisor: *Dr. Jian Yang*.

Language abilities

- Mother language: Dutch
- English: Fluent written and spoken
- German and French: Sufficient

Core competencies

My professional and academic background in computer and information systems generally allows me to access the values and functionality of new systems and to learn them in short notice. I have a strong background on adaptive systems (personalization systems), recommendation systems, service-oriented applications, enterprise systems and information systems in general. I am familiar with modeling, architecture design, deployment and implementation related technologies such as, web services, service-oriented architectures, semantic web, context awareness, user modelling, web 2.0, business process management, BPMN, and others.

Based on 18 years of programming experience, I am an expert programmer in languages such as C, C++, Java, PHP, and others. I am familiar with various system libraries such as Qt and standard libraries for Java, J2EE and the STL. Beyond this I am very familiar with various patterns and design strategies that allow me to get acquainted with new environments rapidly.