

CONRAD PÖPKE

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Objective

Seeking a challenging position as a software or systems architect.

Experience

Technical Consultant at Senacor

May 2011 – present

Senacor Technologies AG, Berlin, Germany

Consulting in the area of enterprise IT transformation with a focus on multi channel architectures for one of the largest German telecommunications providers and one of the largest German banks.

Research intern at SAP Research Sydney

July 2010 – December 2010

SAP Research, Sydney, Australia *Project available at <http://www.futurelogisticslivinglab.com.au>*

Research intern which took over technical responsibilities in the Future Logistics Living Lab. These include but are not limited to contributions to the development of the overall scenario, technical communication with partners of the projects, the advising of interns, intern application selection and interviews. Furthermore in the area of SAP Research demos the gathering, technical selection support, updating, setup and customizing of the demos for a logistics context. Major development has been performed in the research of SAP TM 8.0 and the development of a research demo which prototypes the concepts of a logistics orchestrator motivated by the current topic of business network transformations. This expertise resulted in the initial development of the Logistics Holodeck research project idea.

Student assistant in the Enterprise Platform and Integration Concepts group of Prof. Plattner

April 2009 – July 2010

Hasso-Plattner-Institute, Potsdam, Germany

Designing and developing a parallel distributed event driven simulator and generators for supply chains. The simulator generates and simulate huge supply chains e.g. with a production of 30 billion read events per year over a period of 5.5 years.

Student CAD Software-Developer

September 2006 – April 2009

Gräbert GmbH, Berlin, Germany

Developer for the company's next generation Computer Aided Design (CAD) software in C++ with Qt and Visual Studio. My fields of activity were the development of new features, evaluating and prototyping with new technologies and bug fixing. These activities were assigned and then solved in active work.

Education

IT-Systems-Engineering, Master of Science

October 2008 – April 2011

Hasso-Plattner-Institute, Potsdam, Germany

Final GPA 3.7/4.0

Studies focus on application development, IT project management, human computer interaction, computer graphics, enterprise applications, IT security and in mobile and embedded development. MA thesis completed, waiting for grade.



Experience

ABAP
ActiveX
C/C++/C#
HTML
Java/Groovy
NXC
Pascal
PHP
Python
Smalltalk
SQL
XML/XSD
Visual Basic/VBA

CORBA
Grails
Hibernate
JavaEE
JBoss/Seam
Squeak
OpenGL
Ogre/VRS
Qt/wxWidgets

Design Patterns
OOP
Refactoring
TDD
UML
IPMA seminar

Linux/UNIX
Windows Vista/XP/7

Apache
Eclipse
JMeter
MySQL/Postgre
Netbeans
Rockwell Arena
Subversion
Swish Max
Tomcat
Visual Studio

Studies focused on business and use case analyses, application planning, development and engineering. Specialized classes taken in internet and network technologies, IT security, user interface and computer graphics. Contributed to team projects, to create distributed applications and 3D applications.

Selection of student and side projects

Virtual Security Management Platform

Is a prototype platform for students and teachers which configures a complete virtual network from an abstract scenario description for different operation systems and virtualization solutions. It keeps track of the student activities through a sophisticated monitoring technique and helps to evaluate their performance. A web interface is provided for scenario management, result display and task distribution. *Project paper available at <http://www.conrad.poepke.info>*

The Wire Protocol Library

The TWP is an extensible messaging protocol. A flexible Java library has been developed using an interpreter approach based on an ANTLR parser which can load different TWP protocols. Therefore every protocol can be loaded and used without generating code from them first.

References

Nina Trunk, Practice Manager, SAP Research

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Jürgen Müller, Ph. D. Student, Research Assistant, Hasso-Plattner-Institute

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Robert Gräbert, CTO, Gräbert GmbH

E-mail: robert.graebert@graebert.com

Publications and Papers

- Pöpke, C.: **Concepts & Techniques for a Parallel & Distributed Supply Chain Simulator**
- Müller, J.; Schapranow, M. P.; Poepke, C.; Urbat, M.; Zeier, A., and Plattner H.: **Best Practices for Rigorous Evaluation of RFID Software Components**, Proceedings of the 6th European Workshop on RFID Systems and Technologies (RFID SysTech'10), Ciudad Real, Spain, 2010
- Müller, J.; Pöpke, C.; Urbat, M.: **A Simulation of the Pharmaceutical Supply Chain to Provide Realistic Test Data**. Proceedings of the 2009 International Conference on Advances in System Simulation (SIMUL 2009), Porto, Portugal, 2009
- Pöpke, C.: **Software Development with SqueakSVN**

Language Skills

- German – native language
- English – speak fluently and experienced read/write
- Polish – speak fluently and read with basic competence