

PERSONAL INFORMATION

Marius Schönberger



 Am Kalkofer Weg 57, D-66424 Homburg (Germany)

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 ms16247@ba.lv

POSITION

Head of IT – MEDTRON AG

WORK EXPERIENCE

17 Jul 2015–Present

Head of IT

MEDTRON AG
Hauptstrasse 255, D-66128 Saarbrücken (Germany)
www.medtron.com

- Administration of enterprise IT.
- Development and maintenance of the IT strategy plan.
- Approval and monitoring of major projects, IT budgets, priorities, standards, procedures and overall IT performance.
- Coordination of priorities between the IT department and user departments.
- Review the appropriateness and allocation of IT resources in terms of funding, personnel, equipment and service level.
- Planning and implementation of computer system validation.
- Contact person and responsible for data protection and data security.

Business or sector Medical Device Manufacture

1 Mar 2015–28 Feb 2017

College / university teaching professional

University of Applied Sciences Kaiserslautern, Department of Business Administration
Amerikastrasse 1, D-66482 Zweibrücken (Germany)
www.hs-kl.de

- Holding lectures for the bachelor's and master's programme "Information Management".
- Supervision of bachelor's and master's thesis.

Business or sector Education

1 Aug 2009–16 Jul 2015

Research assistant

University of Applied Sciences Kaiserslautern, Department of Business Administration
Amerikastrasse 1, D-66482 Zweibrücken (Germany)
www.hs-kl.de

- Holding lectures for the bachelor's and master's programme "Information Management".
- Support of scientific projects and seminar papers in the area of "Information Management".

Business or sector Education

01 Dec 2008–31 Jul 2009 **Student assistant**
University of Applied Sciences Kaiserslautern, Department of Business Administration
Amerikastrasse 1, D-66482 Zweibrücken (Germany)
www.hs-kl.de

- Support of scientific projects and seminar papers in the area of "Information Management".

Business or sector Education

17 Jul 2006–31 Jul 2008 **Working student**
Schaeffler KG
Am Zunderbaum, D-66482 Homburg (Germany)
www.schaeffler.de

- Employee in the ball bearing production.
- Employee in the production-planning and -control.

Business or sector Automotive Industry

01 Aug 2005–31 Sep 2005 **Working student**
LanOx GmbH
Friedhofsstrasse 2, D-66459 Kirkel (Germany)
www.lanox.de

- Employee in the assembly and installation of PCs, internal IT and programming.
- Construction of system landscapes in cooperation with ABB Mannheim, Germany.

Business or sector IT Industry

EDUCATION AND TRAINING

1 Oct 2016–Present **PhD student** EQF level 8
BANKU Augstskola – BA School of Business and Finance
K. Valdemāra 161, Riga, LV-LV-1013 (Latvia)
www.ba.lv

- Topic of dissertation: Development of a risk-based approach for the validation of computer-based systems in the medical technology industry.

23 May 2013–30 Sep 2016 **External doctoral candidate** EQF level 8
Institute for Information Systems (IWi) at the German Research Center for Artificial Intelligence (DFKI)
Stuhlsatzenhausweg 3, D-66123 Saarbrücken (Germany)
www.uni-saarland/lehrstuhl/loos.html

1 Oct 2009–26 Nov 2012 **Qualified Teacher of Business Studies (Diploma)** EQF level 7
Saarland University, Faculty of Law and Economics, Department of Business Administration
Campus, D-66123 Saarbrücken (Germany)
www.uni-saarland.de

- Topic of diploma thesis: Design and development of a mobile application for construction financing (grade: 1.3)

1 Oct 2005–17 Jul 2009 **Information Management (Diploma)** EQF level 6
University of Applied Sciences Kaiserslautern, Department of Business Administration
Amerikastrasse 1, D-66482 Zweibrücken (Germany)
www.hs-kl.de

- Topic of diploma thesis: Conceptual design and implementation of multimedia-based courses in the

context of the university-apprenticeship (grade: 1.0)

PERSONAL SKILLS

Mother tongue(s) German

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	A1	A1	A1	A1	A1
English	C1	C1	C1	C1	C1
English TOEIC Certificate, C1-Level, 950 Points English DAAD Certificate, C1-Level					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Very good communication skills gained through my experience as a teacher at University of Applied Sciences Kaiserslautern.
- Very good teamwork skills gained through my experience in various IT projects at MEDTRON AG.
- Good presentation skills gained through my experience in attending various international conferences.

Organisational / managerial skills

- Leadership (currently responsible for a team of two people).
- Very good organisational skills gained as research assistant at the University of Applied Sciences Kaiserslautern.
- Good team-leading skills gained through my experience in various IT projects at MEDTRON AG.

Job-related skills

In the field of university teaching

- Skills-oriented programme design (in German: Kompetenzorientierte Modulgestaltung).

In the field of medical technology

- Medical product advisor by paragraph 31 of the Medical Products Directive (MPG) (in German: Medizinproduktberater nach §31 MPG).
- Design control in the field of medical products (in German: Design Control im Bereich Medizinprodukte)
- Computer System Validation (CSV) (in German: Computer System Validierung (CSV))

In the field of TRIZ

- MATRIZ Level 1

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

Application Software

- Apple OS: very good knowledge
- Apple iOS: very good knowledge

- Linux OS: basic knowledge
- Microsoft Office: very good knowledge
- Microsoft Windows: very good knowledge
- Microsoft Navision: basic knowledge
- SAP ERP: basic knowledge

Programming Languages

- Visual Basic: very good knowledge
- SQL: basic knowledge
- Java: basic knowledge
- C++: basic knowledge

Driving licence A1, A, B, C1

ADDITIONAL INFORMATION

Internships **22/08/2011 to 16/09/2011 - Günter Wöhe School, Commercial College**

Saarbrücken, Germany

- Execution of a four-week traineeship.
- Activities: Preparation, implementation and follow-up of lessons in Information Management, Business Administration, Mathematics and Electronic Data Processing.

01/08/2003 to 31/07/2004 - EDV Technik Müller, IT Company

Homburg, Germany

- Execution of a one-year school internship.
- Activities: Takeover of activities in the areas accounting, hardware, software and computer architectures.

Conferences **03 to 04 May 2017 - 29th International Business Information Management Conference (IBIMA)**

Vienna, Austria

- Article: „Evaluation of interrelationships between critical success factors of IT/IS projects in the healthcare sector.”

12 to 15 June 2016 - European Conference on Information Systems (ECIS)

Istanbul, Turkey

- Article: „Results of a qualitative survey about the application of Business Information Systems in German craft enterprises - First findings of an ongoing research project”.

26 to 28 February 2014 - Multikonferenz Wirtschaftsinformatik (MKWI)

Paderborn, Germany

- Article: „Software selection in small and medium businesses. Comparison and evaluation of procedure models for the selection of business application software”.

Freelance Work **01/03/2017 to 28/02/2018 - Lecture at University of Applied Sciences Kaiserslautern, Department of Business Administration**

Zweibrücken, Germany

- Activities: Holding lectures for the bachelor's and master's programme "Information Management" in the courses "Information Management" and "IT-Project Management”.

06/2017 - Reviewer for the Journal of Business Management

Riga, Latvia

- In collaboration with the RISEBA University of Business, Arts and Technology, Riga, Latvia.

12/2016 to 02/2017 - Execution of SAP training as part of the funding program "Engineering-related Qualification " for persons with a migration background or recognized refugees

Zweibrücken, Germany

- In collaboration with the University of Applied Sciences Kaiserslautern.

03 to 04/2014 - Execution of a qualitative survey regarding the adoption of business information systems in the craft

Saarbrücken, Germany

- In collaboration with the Institute for Information Systems (IWİ) at the Saarland University, the Chamber of Crafts Saarland and several craft enterprises from the Saarland.

01/02/2012 to 31/08/2015 - Lecture at University of Applied Sciences Hamburg, Department of Engineering, Economics, and Law

Kaiserslautern, Germany

- Activities: Holding lectures for the bachelor's programme "Information Management" in the courses "Information Management" and "Business Consulting".

01/10/2010 to 28/02/2011 - Lecture at University of Applied Sciences Kaiserslautern, Department of Business Administration

Zweibrücken, Germany

- Activities: Holding lectures for the bachelor's programme "information in the courses "Investment and Financing", „Operations Research" and "Information Management".

01/10/2009 to 31/07/2011 - Lecture at the Akademie des Saarlandes und Saartechnikum HTL, Business Academy

Blieskastel, Germany

- Activities: Holding lectures for the bachelor's and master's programme "Information Management" in the courses "Information Management" and "Business Consulting".

17/06/2010 - Execution of an information event as part of the study day of the Helmholtz Grammar School

Zweibrücken, Germany

- Contribution: „The Internet and its drawbacks"

Since 10/2011 - Performance of Microsoft Office training courses in different companies in Germany.

Publications

- Schönberger, M., & Vasiljeva, T. (2018). **Impact of the computer system validation on the firm performance of small and medium enterprises in the medical device industry.** Proceedings of the 31st International Business Information Management Conference (IBIMIA), 2018, April 25-26, Milano, Italy. (publication in process)
- Schönberger, M. (2018). **Comparison and evaluation of procedures for the computer system validation in the European medical device industry.** *Journal of Innovation Management in Small and Medium Enterprises*, Vol 2018. (publication in process)
- Schönberger, M., & Čirjevskis, A. (2017). **Successful IT/IS projects in healthcare: Evaluation of critical success factors.** *Journal of e-health Management*, Vol. 2017.
- Schönberger, M., & Čirjevskis, A. (2017). **Evaluation of Interrelationships between Critical Success Factors of It/Is Projects in the Healthcare Sector.** Proceedings of the 29th International Business Information Management Conference (IBIMIA), 2017, May 03-04, Vienna, Austria.
- Aichele, C., & Schönberger, M. (2017). **The digitalisation of the energy industry: the potential and challenges of the ICT sector for utility 4.0.** (original: Die Digitalisierung der Energiewirtschaft: Potenziale und Herausforderungen der IKT-Branche für Utility 4.0.) In: Doleski, O. D. (eds.): *Challenges Utility 4.0. How the energy industry changes in the age of digitization.* (original: Herausforderungen Utility 4.0. Wie sich die Energiewirtschaft im Zeitalter der Digitalisierung verändert), Wiesbaden: Springer, 501-530.
- Schönberger, M., & Kleinert, T. (2016). **Results of a qualitative survey about the application of business information systems in German craft enterprises – first findings of an ongoing research project.** Proceedings of the European Conference on Information Systems (ECIS) 2016,

June 12-15, Istanbul, Turkey.

- Aichele, C., & Schönberger, M. (2016). **App-Development – efficient and successful. A compact representation of concepts, methods and tools.** (original: App-Entwicklung – effizient und erfolgreich), Wiesbaden: Springer.
- Aichele, C., & Schönberger, M. (2016). **E-Business. An overview for successful B2B and B2C** (original: E-Business), Wiesbaden: Springer.
- Thurnes, C. M., Schönberger, M., Sohns, C., Votteler, W., & Gratz, M. (2016): **Contradiction-based innovation library: creating and sharing innovation impulses.** Proceedings of the ISPIIM Innovation Conference, 2016, June 19-22, Porto, Portugal.
- Schönberger, M., & Schiefer, B. (2015). **Operational Standard Software** (original: Betriebliche Standardsoftware), Script for the distance study course IT-Analyst, ZFH.
- Schönberger, M., Kleinert, T., & Dumont, T. (2015). **Business processes documented properly - A practical guide for small and craft enterprises** (original: Geschäftsprozesse richtig dokumentieren – Ein praxisnaher Leitfaden für Klein- und Handwerksunternehmen), In: Fettke, P., & Loos, P. (eds.). *eBusiness-Lotse Saar*, Saarbrücken.
- Aichele, C., & Schönberger, M. (2014). **IT Project Management – An efficient introduction to the management of projects** (original: IT-Projektmanagement - Effiziente Einführung in das Management von Projekten), Wiesbaden: Springer.
- Aichele, C., & Schönberger, M. (2014). **The role of the end user in the Smart Market** (original: Die Rolle des Endkunden im Smart Market). In: Aichele, C., & Doleski, O. D. (eds.). *Smart Market*, Wiesbaden: Springer, 283-317.
- Aichele, C., & Schönberger, M. (2014). **App4U - Added value through apps in B2B and B2C** (original: App4U - Mehrwerte durch Apps im B2B und B2C), Wiesbaden: Springer.
- Knopper, K., Aichele, C., & Schönberger, M. (2014). **Practical examples for system security in the use of mobile hard- and software systems** (original: Praktische Beispiele zur Systemsicherheit bei der Anwendung mobiler Hard- und Softwaresysteme). *HMD - Praxis der Wirtschaftsinformatik*, 51(295), 34-44.
- Schönberger, M., Kleinert, T., Dumont, T., Fettke, P., & Loos, P. (2014). **Software selection in small and medium businesses. Comparison and evaluation of procedure models for the selection of business application software** (original: Softwareauswahl in kleinen und mittelständischen Unternehmen. Gegenüberstellung und Bewertung von Vorgehensmodellen zur Auswahl betrieblicher Anwendungssoftware). Proceedings of the Multikonferenz Wirtschaftsinformatik (MKWI) 2014, February 26-28, Paderborn, Germany.
- Bartels, R., & Schönberger, M. (2013). **Distribution Logistic** (original: Distributionslogistik), Script for the distance study course Business Administration, ZFH.
- Aichele, C., & Schönberger, M. (2013): **Smart applications. Innovative Apps as an accelerator for Smart Energy** (original: Smarte Applikationen. Innovative Apps als Beschleuniger für Smart Energy). *etaGreen - Das B2B Magazin für smarte Energien*, 03/2013, 22-25.
- Schönberger, M. (2011). **Innovative Learning in the Digital Age: Conceptual design and implementation of multimedia-based courses in the context of the university-apprenticeship** (original: Innovatives Lernen im digitalen Zeitalter: Konzeption und Implementierung von multimedialen Lehrveranstaltungen im Rahmen der Hochschullehre), Hamburg: Diplomica.

Awards and scholarships

10/2017 to 09/2018 - Latvian State Scholarship for Studies and Research

- The scholarship was awarded for research projects within the PhD studies in Riga, Latvia.

09/2017 - Nominated for the teaching award 2017/2018 of the state Rhineland Palatinate, Germany

- The lectures "Information Management" and "Supply Chain Management" at the University of Applied Sciences Kaiserslautern were evaluated.