

Curriculum Vitae



Name

Personal Data

Dr. Markus Wagner, BSc MSc

Date of Birth

June 21th 1983, St. Pölten, Österreich



Work Experience

● **Since 07/2018**

Assistant Professor for Industrie 4.0 at Fachhochschule St. Pölten GmbH: Department Media and Digital Technologies; Study Courses: Smart Engineering of Production Technologies and Processes (Bachelor), Interactive Technologies (Master).

● **09/2017 – 07/2018**

Solution Consultant at Frequentis AG:
Air Traffic Management Civil Division, Solutions Programs.

● **09/2017 – 01/2018**

External Lecturer at Fachhochschule St. Pölten GmbH:
Study Course Media Technology.

● **03/2014 – 08/2017**

Research Associate and Lecturer at Fachhochschule St. Pölten GmbH:
Media Computing Research Group IC\M/T and Study Course: Media Technology (Bachelor).

● **08/2013 – 02/2014**

System programmer at medizinkraft solutions GmbH & Co KG:
Marker-less motion detection, 3D modelling.

● **10/2012 – 07/2013**

Constantia Teich GmbH:
IT-Infrastructure.

● **02/2011 – 07/2011**

Internship at Cassidian Air Systems:
Simulation programming (Creation of the BSc Thesis).

● **08/2009 – 01/2011**

Assistant at Fachhochschule St. Pölten GmbH:
Simulation- and electrical engineering laboratory.



- **06/2007 – 10/2008**
- **02/2002 – 05/2007**
- **07/1998 – 01/2002**

Electrical engineer at Schubert Elektroanlagen GmbH:
Project management and planning of high and medium voltage installations as well as electrical main distribution systems.

Electrician at Schubert Elektroanlagen GmbH:
Switchgear production, installation and commissioning.

Apprentice at Schubert Elektroanlagen GmbH:
Switchgear production, installation and commissioning.



Education

- **03/2014 – 06/2017**
- **09/2011 – 06/2013**
- **09/2008 – 07/2011**
- **09/2006 – 07/2007**
- **09/2004 – 06/2005**
- **09/2004 – 06/2005**

Studied at Technischen Universität Wien:
Doctoral program in technical sciences for informatics (Dr. techn.).
Title: Integrating Explicit Knowledge in the Visual Analytics Process: Model and Case Studies on Time-oriented Data;
Advisors: Priv.-Doz. Dipl.-Ing. Dr. Wolfgang Aigner, MSc (TU Wien), Prof. Dr. Daniel A. Keim (Uni Konstanz, DE);

Studied at Fachhochschule Technikum Wien:
Masters course Game Engineering und Simulation (MSc).
Title: Parallele Simulation einer Flüssigkeitsoberfläche mittels Masse-Feder-Systemen.
Advisors: Dipl.-Ing. Andreas Monitzer, Bakk tech, Dipl.-Ing. Dr. Markus Schordan

Studied at Fachhochschule St. Pölten:
Bachelor course Industrial Simulations (BSc).
Title: Simulationsinterface zum Empfang, Entschlüsseln und Verteilen von Luftraumüberwachungsdaten für dreidimensionale Visualisierungssysteme.
Advisor: Mag. Otto Reichel

Technisch-Gewerbliche Abendschule of AKNÖ:
Foreman for industrial electronics.

Technisch-Gewerbliche Abendschule of AKNÖ:
High voltage technology.

Technisch-Gewerbliche Abendschule of AKNÖ:
Business Management and Qualification Examination for Electrical Engineering.

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- **09/2003 – 06/2005**
 - **07/1998 – 01/2002**

Technisch-Gewerbliche Abendschule of AKNÖ:
Foreman for electrical engineering.

Vocational school Stockerau:
Electrician (dual training program).



Since 2014

Scientific Community

Creating reviews for national and international conferences, journals and book chapters (z.B.: InfoVis, EuroVis, VAST, IVAPP, VINCI, FMT).

2018

TPC member of the 4th Workshop on Secure Software Engineering (SSE), in conjunction with the 13th International Conference on Availability, Reliability and Security (ARES).
