

Contact

www.linkedin.com/in/gringinger
(LinkedIn)

Top Skills

Artificial Intelligence (AI)
Safety Critical Systems
Safety Management Systems

Languages

German (Native or Bilingual)
English (Full Professional)

Certifications

Microsoft Certified: Azure AI
Fundamentals

Honors-Awards

Best Student Paper Award
Innovative Idea Award
Best Paper Award
Erdős number 5
Best Student Paper Award

Publications

Ontology-based CNS software
development
The Case for Contextualized
Knowledge Graphs in Air Traffic
Management
A Privacy-Preserving Marketplace
for Air Traffic Flow Management Slot
Configuration
Semantic Data Containers for
Realizing the Full Potential
of System Wide Information
Management
Semantics-based summarisation
of ATM information: Managing
information overload in pilot briefings
using semantic data containers

Patents

Eduard Gringinger

Principal Data Scientist
Austria

Summary

Eduard Gringinger is Principal Data Scientist @ Frequentis Group Technology Management, leading the AI Competence Centre. He has more than 16 years of experience in safety critical domains and is an experienced data scientist with focus on international research projects. From writing the funding proposal to the successful execution. His research focuses on Information Management, Data Science and DaaS. He managed the Corporate Technical Trainings for six years. And he is/was member of several standardization bodies like EUROCAE, ICAO/WMO and received a PhD, MSc, and MSocEcSc with distinctions in computer science from the Vienna University of Technology. In addition, he works as technical evaluator for the EU.

Experience

Johannes Kepler Universität Linz
Guest Lecturer
October 2019 - Present (4 years 9 months)
Linz

Applying and integrating business management, technical, and socio-economic approaches, methods, tools and knowledge in the frame of an IT-project related to a real-life issue. This year it covers "Data preparation and analysis for airport slot management"

Technische Universität Wien
Guest Lecturer
February 2011 - Present (13 years 5 months)
Vienna

Lecturer & organizer together with Prof. Thilo Sauter
"Next Generation Air Traffic Management Systems - Safety Critical Systems in Air Traffic Control" (2017-ongoing)
"Basic Principles of Control Center Solutions" at the Vienna University of Technology (2013-2016).

"Next generation Air Traffic Management Systems" at the Vienna University of Technology (2011).

Frequentis

16 years 5 months

Principal Data Scientist

November 2022 - Present (1 year 8 months)

Vienna

- Principal Scientist at Frequentis with more than 16 years of experience in safety critical domains.
- Head of the AI competence centre and manager corporate technical trainings.
- Technical project manager with a history of more than 15 international research projects.

Senior Lead Scientist

May 2017 - November 2022 (5 years 7 months)

Vienna

Senior Scientist, Technical Project Manager

March 2015 - May 2017 (2 years 3 months)

Scientist, Technical Project Manager

January 2011 - February 2015 (4 years 2 months)

Single European Sky ATM Research (SESAR) program member since 2009, Frequentis work package leader since 2010 and project focal point for SESAR WP 8. ATM Information Reference Model (AIRM) quality assurance leader since 2013 bringing it to ICAO level with research interests in the areas of aeronautical, weather and flight information management, semantic technologies and ontology-based software development. Pursued activities in relation with information management, data and service modeling (AIRM, ISRM, AIXM, WXXM, FIXM, AIDX).

Executive Assistant to CEO

February 2008 - January 2011 (3 years)

Eduard Gringinger Ges.m.b.H. & Co.KG

IT Consultant

January 2001 - December 2009 (9 years)

Medical University of Vienna

Self-employed / Software Engineer

September 2005 - January 2008 (2 years 5 months)

Vienna

Designed, developed and tested a J2EE based web project (master thesis) using IceFaces Framework, JSF, JSP, Java Servlets, Command Beans, JavaScript, XML, CSS, DBDesigner, PostgreSQL and Sun's Studio Creator as IDE. Managed the documentation: functional specifications document, technical design document and the production support guide. Designed the UML diagrams, process flow diagrams, use case diagrams, sequence diagrams and class diagrams using rational rose.

Education

Technische Universität Wien

PhD (Dr. techn.) with distinction, Computer Science

Technische Universität Wien

MSocEcSc (Mag.rer.soc.oec.) with distinction, Computer Science Management

Technische Universität Wien

MSc (Dipl.-Ing.) with distinction, Computer Science

Technische Universität Wien

BSc (Bakk. techn.), Computer Science