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📍 Geb.: 28.07.1989

BERUFSERFAHRUNG

- **10/2018-dato** **BEST – Bioenergy and Sustainable Technologies GmbH**
Junior Researcher
 - **Activities:**
 - Modelling of heating systems and their components
 - Development, programming and support of test stands
- **02/2012-10/2018** **Graz University of Technology** Institut für Betriebsfestigkeit und Schienenfahrzeugtechnik
Project Member
 - **Activities:**
 - Development of controls for the fatigue testing of mechanical components
 - Support of data acquisition-, measurement- and control- systems of test stands

AUSBILDUNG

- **08/2015-11/2019** **Graz University of Technology**
Master's degree in electrical engineering
Focus: Automation technology and mechatronics
- **09/2009-/08/2015** **Graz University of Technology**
Bachelor's degree in electrical engineering,
Focus: Automation technology and mechatronics
- **2008** **HTL Wolfsberg, Focus on mechanical engineering/automation technology**
Matura

Further Training

- 02/2012-10/2018 LabVIEW Course (Core 1-3, LabVIEW RT)
 - 06/2016 Basics of strain gauge installation and strain gauge measurement,
HBMAcademy
 - 09/2019 B&R Vizualisation with mapp View [SEM611.3] , B&R Academy
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SKILLS

- LabView Realtime and FPGA
- MATLAB
- B&R Automation Studio

Publications

- Unterberger, V., Muschick, D., Loidl, A., Poms, U. R., Göllles, M., Horn, M.: Model-based control of hydraulic heat distribution systems — Theory and application, Control Engineering Practice 101, 104464
- Li, L., Poms, U.R., Thurner, T.: Accurate Position Control of a Servo-Hydraulic Test Cylinder by Iterative Learning Control Technique, Proceedings of the UKSim-AMSS Eighth European Modelling Symposium S. 297-302