

Education

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| PhD Sustainable Energy and Technologies Free University of Bolzano | starting in 11/23 |
| <ul style="list-style-type: none">- In the field of Sustainable Manufacturing on the topic “Unlocking the Potential of Circular Economy - A Meso-level Approach to Identify Industrial Symbiosis in Manufacturing Networks”- International research program in collaboration with Worcester Polytechnic Institute (US) and Stellenbosch University (SA) | Brunico, IT |
| Master Industrial Engineering (M.Sc.) Management Center Innsbruck & Instituto Superior Técnico | 09/20 – 11/22 |
| <ul style="list-style-type: none">- Focus on General Management, Production Engineering und Leadership- Final grade: 1,41; graduated with distinctions- Master thesis: “Development of a sustainability assessment tool for manufacturing companies” which helps SMEs to create their sustainability roadmap and the tools is now a mandatory part of the training of employees to become 'sustainability assistant' in Tyrol and is the basis for sustainability certifications in South Tyrol | Innsbruck, AT Lisbon, PT |
| Bachelor Mechatronics (B.Sc.) Management Center Innsbruck & Universidad de Deusto | 10/17 – 09/20 |
| <ul style="list-style-type: none">- Focus on mechanical engineering, digitalization & manufacturing- Final grade: 1.53- Bachelor Thesis at BMW: Process analysis and experimental implementation of virtual commissioning | Innsbruck, AT Bilbao, ES |
| A-levels Tassilo Gymnasium Simbach am Inn | 09/09 – 06/17 |
| <ul style="list-style-type: none">- focus on natural sciences, final grade: 1,8 | Simbach am Inn, DE |

Work Experience

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| Free University of Bolzano Sustainability Manufacturing Lab Research Assistant | since 04/23 |
| <ul style="list-style-type: none">- Assisted in establishing the Sustainable Manufacturing Lab, funded by Automotive Excellence South Tyrol- Managed manufacturing research projects, e.g. process optimization and feasibility study of a production- Taught bachelor students in the courses Production Planning and Control, guiding them in creating Excel-based production planning tools as well as in digital assistance systems for the assembly process- Developed and hosted workshops on sustainability topics as well as mentoring of pupils and students- Participated in various international collaborative research projects with partners from Industry and Academia such as SME5.0 (Development of Industry 5.0 Guidelines for SMEs), EE4M (Engineering Skills of the Future), EtD-FaM (Setting up Female Makerspaces in Ethiopia) | Brunico, IT Worcester, US Stellenbosch, SA |
| EFS Unternehmensberatung GmbH Sustainability-Team Project Analyst | 03/22 – 03/23 |
| <ul style="list-style-type: none">- Conceptualized EFS's sustainability strategy- Business Development of Sustainability: Defined the consulting portfolio & initiated its first sustainability project | Vienna, AT |
| Felder Group R&D Automation Working Student | 03/21 – 07/21 |
| <ul style="list-style-type: none">- Initiating and Defining the project of virtual commissioning in the field of CNC milling for Felder- Development and validation of virtual models | Innsbruck, AT |
| BMW AG Digitalization Lab Intern + Bachelor thesis | 01/20 – 07/20 |
| <ul style="list-style-type: none">- Leading and implementation of a company-wide benchmark as a part of my bachelor thesis- Analysis and evaluation of digitalization trends in production technology | Munich, DE |
| Further work experience: Dr. Jakobs GmbH (since 01/13), Romberger (07/19 – 08/19), Wacker Chemie AG (07/17 – 09/17, 07/18 – 08/18) | |

Extracurricular activities

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| icons – consulting by students Student Consultant | 10/20 – 07/22 |
| <ul style="list-style-type: none">- Student consultancy: division manager as Head of IT- Implementation of various projects, such as a market analysis for a medical technology company- Mentoring of new members and performing various internal work like initializing a cooperation with the MCI or supporting in the entire recruitment process from marketing to the final selection of applicants | Innsbruck, AT |
| Campus Tirol Motorsport Design Engineer | 10/18 – 09/19 |
| <ul style="list-style-type: none">- Interdisciplinary team of students to develop an electric race car for Formula Student- Design and manufacture of various components on the rolling chassis frame for electrical components | Innsbruck, AT |

Additional qualifications

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| Languages: | German (mother tongue), English (C1), French (B2), Spanish (A2) |
| IT: | Microsoft Office, LaTeX, various CAD-Software programs, C++, Matlab, LabVIEW, Siemens MCD, Simit |
| Interests: | Mountain biking (Youth European Champion 2013), Skiing (alpine, freeride, ski touring) |