

# University Academic Curriculum Vitae

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## Personal information

Manuel Felder

## Education since leaving school

- 09.2018 - 09.2021, B.Sc. Industrial Engineering; Management Center Innsbruck (Grade: 1.59, Passed with honors) – Thesis: Development of a generic guideline for the concept planning of assembly systems in a multi-stage assembly production process
- 09.2020 - 02.2021 Semester abroad, University of Applied Sciences and Arts Northwestern Switzerland FHNW – focus on Supply Chain Management
- 09.2021 - 09.2023, M.Sc. Industrial Engineering; Management Center Innsbruck (Grade: 1.1, Passed with honors) – Thesis: Mathematical optimization in industry - minimizing external setup times in tool preparation

## Professional experience

From / to	Job title	Name of Institution	Academic level	Responsibilities
15.12.24/	Research Fellow	Free University of Bolzano	masters	<ul style="list-style-type: none"> <li>– Research in the field of sustainable and intelligent manufacturing</li> </ul>
01.11.23/ 15.08.23	Lean Manager	Wilhelm Gronbach GmbH & Co KG	masters	<ul style="list-style-type: none"> <li>– Development and implementation of lean strategy</li> <li>– Analysis and identification of potentials in processes and value streams</li> <li>– Initiating and leading lean projects and workshops</li> <li>– Providing expert advice and support to executives in implementing the lean mindset and addressing problems.</li> </ul>
01.09.21/ 30.06.22	Supply Chain Manager	Intercable GmbH	masters	<ul style="list-style-type: none"> <li>– Operational implementation of supply chain actions across multiple plants</li> <li>– Support of project launches and terminations.</li> <li>– Coordination and monitoring of medium- to long-term supply chain planning</li> <li>– Analysis of bottleneck systems and development of measures in collaboration with relevant departments</li> </ul>
01.12.15/ 31.08.21	Production Planning / Assistant Head of production	Intercable GmbH	bachelors	<ul style="list-style-type: none"> <li>– Leading and organizing production planning</li> <li>– Coordinating with assembly, mold making, project management, and sales</li> <li>– Coordination and planning of sample productions and pre-series productions.</li> <li>– Responsible for Lean and continuous improvement (KVP)</li> <li>– Maintenance and further development of MES software</li> <li>– Proses</li> </ul>
01.09.11/ 31.11.15	Production Planning	Intercable GmbH		<ul style="list-style-type: none"> <li>– Fine- and rough planning of plastic production</li> <li>– Coordination with assembly,</li> </ul>

				mold making, and sales departments. – Maintenance of master data and production bills of materials – Support and continuous development of MES Proses – Acting as a backup for work preparation during vacation periods
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**Language competence**

German (mother tongue), English (B2), Italian (B2)

**Further Education**

Year	Title	Institution/ docent	Scope
2023	Optimization with Python: Solve Operations Research Problems	Udemy / Rafael Silva Pinto	13h
2023	Algorithmen und Datenstrukturen in Python	Udemy / Prof. Dr. René Brunner	13h
2022	Python for Data Science, Machine Learning & Visualization	Udemy / Prof. Dr. René Brunner	30h
2022	Python Bootcamp	Udemy / Jannis Seemann	31h
2019	Process Analyst	MCI & GP / Mario Moser	2 days
2018	Durch Selbstführung zur wirkungsvollen Führungskraft - From self-leadership to impactful leadership	Wifi - Prof. Dr. Mag. (rer. soc. oec) Anna Maria Pircher Friedrich	16h
2018	Power Rhetorik	Comment / Mag. Bernhard Ahammer & Mag. Wolf Hagen	10 days
2017	Shopfloor Management	StEP-Up / Ing. Thomas Burger Msc	2 days
2016	Lean Production – Green Belt	StEP-Up / Dipl.-Ing. (FH) Gernot Schieg, MSc	7 days
2015	Professionell disponieren – Professional scheduling and coordination	ÖPWZ / Dkfm. Mag. Walter Broschek, & Dipl.-Ing. Dipl.-Wirtsch.-Ing. Egon Eicher	2 days

**Software Knowledge**

Advanced: Microsoft Office, LaTeX, Python, Inventor, Proses MES/BDE, Radix ERP, Visual Basic, Zotero

Basic: FlexSim, Matlab, SAP S4/H & IBP, SQL, Umberto LCA

**Additional Knowledge**

Advanced: Data science, Lean Six Sigma, Operational excellence, Process management, Operations research

Basic: Additive manufacturing, Injection molding, Accounting, Product development, Project management, IoT