



fullstack software engineering
& ECM (Enterprise Content Management) consulting and engineering

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Linz, AT



... Note on my
**Languages/
Frameworks:**

- **Java/Spring (Boot): Main Language**, even at Wolfram Res.
- **Wolfram Language/ Wolfram Cloud**, mainly, at Wolfram Res.
- Extensive project-based experience in **C#/.NET** and especially AI applications of Infer.NET and Microsoft Cloud solutions

< I was part of the founding cohort for a new university for Austria.

- IDSA, Institute for Digital Science Austria, later IT:U, Interdisciplinary Transformation University

++ (University-) VOLUNTEERING

- President Catholic University-Youth
- Vice-President Traktor Sports Group
- Choir + Theater Group Member

Personal website reflection piece on my life at KHG, the catholic society at my university.

Current >

Core Project >

+ Professional
VOLUNTEERING
@
AUT RED CROSS +
2nd NATIONAL SERVICE
CORONA RESPONDENT
MAR-JUNE 2020

Core Project >

in progress, >
anticipated
completion date
December 2024

Related Recent Professional Experience: **Software Engineering & Research**

WOLFRAM RESEARCH, CONSULTANT SOFTWARE ENGINEER, REMOTE/CHAMPAIGN, IL - JANUARY 2024+

I was hired by way of Wolfram Summer School ('23) participation and my thesis work in SE

- Took charge of visible Storage Monitoring (project) with real business impact for Cloud
- Successfully maintained the Wolfram Language/Java-based ticket quota for consultants

JKU LIFT/LIT + IT:U (SUMMER SCHOOL), RESEARCHER, LINZ, AT - AUGUST-SEPTEMBER 2024

Collaboration w/ both Linz Institute of Techn. Center for Trans. and IT:U centred on impact

- Successfully applied for funding at 10K EUR volume to explore applications for my thesis

FAW GMBH + VENTOPAY, SOFTWARE ENGINEER, HAGENBERG, AT - SEPTEMBER 2023-MAY 2024

Two internship-type experiences to complete my Software Engineering degree in Hagenb.

- **FAW: university-practical work in ECM-LLM integration work (related seminar)**, Java)
- ventopay: Required team-based work experience, on a payment system (C# + Angular)

ARS ELECTRONICA/IDSA, RESEARCHER/FOUNDER, LINZ, AT - AUGUST-SEPTEMBER 2023

Project-based research in the real world, exhibit at Ars Electronica Festival, publicity work

RED CROSS BLOOD & TISSUE BANK, DEV/OPS ENGINEER, LINZ, AT - MARCH 2020-SEPTEMBER 2023

Out of college: Responsibility in all things web/IT team of 8: API design, spec., processes

- blood-banking machines/middleware integration, 2nd-level support, user-driven dev.
- project coordination w/ partner firms; agile (Kanban); risk mgmt. + GXP-documentation
- **spearheaded custom development of an ECM by developing as a software engineer w/ RC (see engineering diploma in progr.) & excelling at URS capturing.**

This work evolved into a research project with Hagenberg, documented here (rX).

APPLE INC., FAMILY ROOM SPECIALIST, GRAND CENTRAL GENIUS BAR, NEW YORK, NY – 2016-18 (2 YRS)

Customer service/group teaching (computer literacy) in Grand Central Terminal (@college)

Degree Work: *Foundation Abroad, Professionalized at Grad School at Home.*

JOHANNES KEPLER UNIVERSITY, INSTITUTE OF MACHINE LEARNING, LINZ, AT – 2022-24 (ANTICIPATED)
MSc Artificial Intelligence, Reasoning and Knowledge Representation (Symbolic AI)

First AI curriculum in Austria, coursework-focus of educational leave Oct '22-Sept '23: detailed curriculum (Symbolic AI Elective Track); I see it as the theoretical extension of my studies in SE, at Inst. of ML under Hochreiter.

UNIVERSITY OF APPLIED SCIENCES UPPER AUSTRIA - HAGENBERG CAMPUS, HAGENBERG, AT – 2021-24
Engineering Diploma (BASC), Software Engineering. Part-time/enabled by Red Cross.

Practice-minded, challenging & renowned SE curriculum, studies focus next to RC-work: detailed curriculum (DE)

SARAH LAWRENCE COLLEGE, BRONXVILLE, NY, US – 2015-19

BA Literature and Theory (Cultural, Film, Systems), Film w/ producing focus. *interning at Untitled Entertainment (Management), Gersh (Talent), Hotchkiss & Daily (Literary), in Film/TV*
SLC is a recognized leading liberal arts college: *While I work in technology, I always knew my educational basis was going to need more of a humanist and creative bent. I strongly believe this foundation trickles down into my work.*

SCHOOLING: BRG SCHLOSS TRAUNSEE, GMUNDEN, AUSTRIA – 2005-2013

A sciences track, hons. Matura in Math, German, English, Latin, Psychology and Philosophy

++ Computer, Programming & Production Skills: *Add. Training throughout.*

TISCH SCHOOL OF THE ARTS AT NEW YORK UNIVERSITY: FILM MARKETING AND DISTRIBUTION – 2019

INTERNATIONAL FILM INSTITUTE, BRONXVILLE, NY: CAMERA WORK, POST/PRODUCTION SKILLS – 2018

FLATIRON SCHOOL, NEW YORK, NY: COMMUNITY POWERED BOOTCAMP IN WEB DEVELOPMENT – 2017

Thank you for your consideration. Please see also <https://heseltine.github.io/>