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

Jack Cody Heseltine

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

Current >

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

Core Project >

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.

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

- **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
Responsibility for all things web in IT team of 8: API design, specification, process creation
- blood-banking machines/middleware integration, 2nd-level support, user-driven dev.
- project coordination w/ partner firms; agile (Kanban); risk mgmt. + GXP-documentation

Core Project >

- **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.*

in progress, > *anticipated completion date December 2024*

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://heseltime.github.io/