



Jack Cody Heseltine

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Linz, AT

++ Thesis-Work (BAsc./Hagenberg)

- With RISC, Research Institute Symbolic Computation, and FH Upper Austria/ Campus Hagenberg: [available online](#)

+ Major Research Project +++++

- With LIFT/LIT and FH Upper Austria/ Campus Hagenberg/FAW GmbH: [Making Document Accessible Research Thesis/ ECM Module/ Platform](#) - supported by 10K EUR in research money through employment (rX)

Current >

in progress, >
anticipated
completion date
December 2024

Published Academic Work

ICCHP (INTERNATIONAL CONFERENCE ON COMPUTERS HELPING PEOPLE WITH SPECIAL NEEDS) YOUNG RESEARCHERS' CONSORTIUM 2026 (PREPRINT), LINZ, AT/BRNO, CZ

This paper is accompanies current Masters-thesis work on making documents accessible using LLMs, summarising the core evaluation work and methods, w/ promising output

WOLFRAM RESEARCH 2023 WOLFRAM SUMMER SCHOOL (PROCEEDINGS), BOSTON, MA

My [community post](#) was awarded a featured contributor badge & subsequently published

Other Publications

STARTING A UNIVERSITY: IT:U X ARS ELECTRONICA FOUNDING LAB (BOOK), LINZ, AT - 2024

Vision Statement (p. 71) about learning from US liberal arts colleges re: interdisciplinarity

DER STANDARD: IDSA: EINE UNIVERSITÄT BEGINNT (A UNIVERSITY STARTS), LINZ, AT - AUGUST 2023

OÖN: ARS ELECTRONICA FESTIVAL 2023 COMPANION PIECE ABOUT IDSA (IT:U), LINZ, AT - AUGUST 2023

Academic Societies

PRO SCIENTIA, LINZ/VIENNA, AT (QUALIFIED FOR MASTER AND PHD ACADEMIC FUNDING FOR 5 YEARS)

Funding and programming for young scientists and artists showing excellence at grad level

Teaching

WOLFRAM RESEARCH, SUMMER RESEARCH PROGRAM MENTOR, BOSTON, MA - JULY-AUGUST 2024

After being [a student myself](#) in the [Wolfram Summer School](#) (for adults) in 2023, I am grateful for the opportunity to mentor [some great highschoolers](#) for their project work

Research Positions

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](#) **ARS ELECTRONICA/IDSA, RESEARCHER/FOUNDER, LINZ, AT - AUGUST-SEPTEMBER 2023**

Project-based research in the real world, exhibit at Ars Electronica Festival, [publicity work](#)

Current Degree Work

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.

Applicant's Note: I will be applying to the "Broad AI" initiative (symbolic + subsymbolic AI) at Johannes Kepler as well as the new IT-U's "Computational X" impact-oriented programs in Linz, in addition to int'l (mostly US-based) programs in the 2024/25 cycle.

+ (Selective, Master/PhD-Level) Summer Schools Student (and **Mentor**)

Participation

- IT:U Interdisciplinary Digital Innovation Summer School '24 (Linz, AT)
- Wolfram Summer Research Program (**Mentor**) '24 (Boston, USA)
- University of Bern Winter School in Reinforcement Learning '24 (Mürren, CH)
- Wolfram Summer School '23 (Boston, USA)

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

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++ (University-) VOLUNTEERING

- President Catholic University-Youth '24 onwards
- Vice-President Traktor Sports Group '23-'24
- Choir + Theater Group Member

[Personal website](#)

[reflection piece](#) on my life at KHG, the catholic society