



Thanos Drossos

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EDUCATION

KARLSRUHE INSTITUTE OF TECHNOLOGY

Master of Science

Information Systems

GPA: 1,0 (German scale, 1,0 = best)

Karlsruhe, Germany

Expected Mar 2027

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (UNAM)

Study Abroad Program, focusing on Data Science, AI and Blockchain

Mexico City, Mexico

Aug 2024 – Jun 2025

KARLSRUHE INSTITUTE OF TECHNOLOGY

Bachelor of Science

Industrial Engineering

Grade: 1,9 (German scale, 1,0 = best)

Academic scholarship (“Deutschlandstipendium”)

Thesis: Automated Market Makers: Towards More Profitable Liquidity Provisioning Strategies

Karlsruhe, Germany

Oct 2020 – Jun 2024

UNIVERSIDAD POLITECNICA DE MADRID

Study Abroad Program (Erasmus) focusing on Robotics, Data Science and Entrepreneurship.

Madrid, Spain

Sep 2022 – Jul 2023

SCHULDORF BERGSTRASSE & NORTH SHORE COUNTRY DAY SCHOOL

High School Diploma, Grade: 1,0 (top 1% of class)

Jugenheim, Germany and Chicago

Aug 2012 – Jul 2020

WORK EXPERIENCE

DARK SKY DATA LLC

Freelance Data Scientist & Software Developer

Clearwater, USA (remote)

Jun 2026 – Present

- Build AI-driven analytics and data products on Snowflake for clients in the warranty, vehicle service contract, and automotive finance industries.
- Developed a claims-to-contracts matching pipeline, automating data reconciliation and cleanup for a client engagement.
- Contribute to the intelligence platform architecture and work directly with the CEO on product scope and client-facing deliverables.

ZEB GMBH

Intern & Working Student for IT-Consulting

Frankfurt, Germany

Jul 2025 – Nov 2025

- Advised clients on the implementation of the Digital Operational Resilience Act (DORA)
- Developed an automated platform for third-party risk reporting

D-FINE GMBH

Working student in the field of Blockchain and Digital Assets

Munich, Germany

Jul 2023 – Apr 2024

- Researched and applied blockchain technologies in consulting projects, including cryptocurrency regulation, securities tokenization, and scalability solutions.
- Curated industry insights for client briefings and newsletters.

FINANZEN.NET

Business Development Intern

Karlsruhe, Germany

Apr 2022 – Jul 2022

- Developed an interactive Power BI dashboard, automating key business metrics and reducing manual reporting time by 15 hours per month.
- Streamlined data aggregation from 10+ sources, optimizing internal reporting efficiency.
- Assisted in the successful launch of a new trading service, providing data-driven insights and market research.

KARLSRUHE INSTITUTE OF TECHNOLOGY,

INSTITUTE OF APPLIED INFORMATICS AND FORMAL DESCRIPTION METHODS

Karlsruhe, Germany

Oct 2021 – Sep 2022

Teaching assistant

- Led weekly classes for Informatics I and Programming I, engaging 30-40 students in practical applications of course materials.
- Tailored and optimized teaching materials to improve student comprehension.
- Supervised and graded three major exams
- Acted as a liaison between professors and students, facilitating academic support.

ACTIVITIES

INTERNATIONAL BUDDY PROGRAMME & ERASMUS STUDENT NETWORK (ESN)

Club Member

Karlsruhe, Germany

Oct 2021 – Present

- Supported incoming international students as a local buddy; organized welcome weeks and community events.

PUBLICATIONS

Thanos Drossos, Daniel Kirste, Niclas Kannengießer, and Ali Sunyaev. 2025. Automated Market Makers: Toward More Profitable Liquidity Provisioning Strategies. In The 40th ACM/SIGAPP Symposium on Applied Computing (SAC '25), March 31-April 4, 2025, Catania, Italy. ACM, New York, NY, USA, 8 pages. <https://doi.org/10.1145/3672608.3707833>

ADDITIONAL

Technical Skills: Python, SQL/Snowflake, R, Solidity, Git, Power BI (Advanced); Java, C++ (Basic).

Languages: German (C2), Greek (C1), English (C1), Spanish (C1), French (A1), Italian (A1).

Certifications & Training: NLP (Neuro-linguistic programming) Practitioner Coaching Certification

Awards: “Deutschlandstipendium” scholarship awarded by Karlsruhe Institute of Technology and MEWA OHG in 2021 for exceptional social and scholastic achievements; Baden-Württemberg Stipendium for a year at a Mexican University (UNAM); DAAD PROMOS stipend for international student mobility.

Personal Interests: travelling, ballroom dancing, cooking, sailing.

Karlsruhe, July 15, 2026



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