

Emmanuel Diehl

Dresden, Germany | emmanuel.diehl@ifsr.de | studio.emmdie.de | linkedin.com/in/emmanuel-diehl | github.com/emmdie

ABOUT

Master's student specializing in software engineering, experienced in commercial game development and international collaboration

EDUCATION

Dresden University of Technology – Dresden, Germany Apr 2026 – present
MSc. in Computer Science
Specializations in Software Engineering with electives in Logistics and business administration.

Dresden University of Technology – Dresden, Germany Oct 2019 – Apr 2026
BSc. in Computer Science
Specializations in Information Retrieval, Software Engineering, Machine Learning, and User Interface Design.
• Thesis on Data-Driven Storytelling under Prof. Dr. Raimund Dachzelt. Final grade: 2.4.

EXPERIENCE

Chair of Privacy and Security, Dresden University of Technology – Dresden, Germany Apr 2025 – present
Working Student
• Administered infrastructure, and compute resources for the ProCyD project, a cyber-security education initiative.
• Managed project coordination, supervision, reporting and collaboration between 16 international partner organizations.

Game Development (Self-employed) Jan 2023 – Feb 2026
Hand of Hexes
Programming, art and marketing for a solo-developed commercial tower defense game with paper cutout graphics.
• 600 units sold on the Steam Store in the first six months.
• Featured in over 8 festivals

Dresden University of Technology – Dresden, Germany Oct 2021 – Oct 2023
Tutorial management
Introduced first-year students to CS fundamentals, Linux, Git, and their degree program; later managed tutors and infrastructure.

European Solidarity Corps – Pelhřimov, Czechia & Mersin, Türkiye June 2018 – July 2019
European Voluntary Service
• Taught languages in formal and non-formal settings, hosted intercultural events and supported youth initiatives with Hodina H.
• Protected endangered turtles through patrols, education, and cleanup efforts with Akdeniz Üçüncü Göz Eğitim ve Gençlik Derneği.

SELECTED HONORS

- InnoStart Bonus, Stipend of the Free State of Saxony for innovative founders; Awarded for game development practice. (2026 - 2027)
- BTW Data Science Challenge 1st Place for the most accurate forecasting of hourly European energy prices. (2025)
- Eine Welt für alle challenge of the Federal Ministry for Economic Cooperation and Development, 1st place for creating a solar powered tablet running educational games created with Unity in C# (2018)

INTERESTS/HOBBIES

- 2024 - present: Organizer of the ASCII paper reading group, a student club for discussing machine learning research papers
- 2023 - present: Organizer of GamedevDD, the Dresden Game Developers Meetup
- 2022 - present: Member of the computer science faculties café ASCII. Social media management and shift work.
- 2021 - 2023: Elected member of the student council, later spokesperson for the faculties' student body

SKILLS

Spoken Languages: Fluent in German (Native), English (C2), Italian (B1)

Programming: Python, GDscript, Rust, Java, Bash

Frameworks/Tools: Pandas, Git, Docker, ALNS, Homeserver administration