Dominik Schmid-Schickhardt

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EDUCATION

- **University**
  - **Bachelor Artificial Intelligence**
    Radboud University, Nijmegen, Netherlands
    2017-2021
  - **(Research) Master Cognitive Neuroscience**
    Radboud University, Nijmegen, Netherlands
    Track 4: Natural Computing & Neurotechnology
    2021-2024

- **E-Learning / Summer School**
  - **Neuromatch Academy**
    Computational Neuroscience
    3-week full-time online course
    July 2021

AWARDS & RECOGNITION

- **Master Thesis**
  "Visually-Constrained Reconstruction
  for Perception and Imagery of Natural Images"
  Score: 8.5
  February 2024

- **Bachelor Thesis**
  "Adaptive Canny Edge Detection:
  Hysteresis Thresholds with Deep Learning"
  Score: 9.0
  Feb 2021

- **Propedeuse Certificate**
  Radboud University
  GPA: 7.6
  June 2019

- **Global Finalist - Worlds Challenge Challenge**
  AMALIA (Automatic Modular Aquaponics for Long-term Integrated Aid)
  Western University - London, Ontario, Canada
  2019

EXPERIENCE

- **Research Assistant**
  Underwater Acoustic Classification
  NTNU & NorwAI
  August 2024 - present

- **Teaching Assistant**
  AI-B2 course Deep Learning (SOW-BKI230A)
  Radboud University
  2022 & 2023

- **Junior Layout Editor**
  Proceedings of the CNS Master, Issue 17.1
  Radboud University
  2021-2022

- **Worlds Challenge Challenge**
  develop and pitch a solution with a global impact that addresses one or more of the United Nations Sustainable Development Goals
  - **Global Final WCC**
    Western University - London, Ontario, Canada
    June 2019
  - **Nijmegen Finals**
    Radboud University, Nijmegen, Netherlands
    2018-2019

- **School medical service**
  German Red Cross (DRK)
  - First Aid (EH-02), Advanced First Aid (EH-09)
  - (Head) Paramedic at school's medical service
  2011-2015

- **IT-Intership at the System-Support-Center**
  Airbus Defence & Space, German Airforce
  Manching, Germany
  2013

SKILLS

- **Technologies & Skills**
  Python, PyTorch, SPM12, MRI, Brian2, Matlab, Java, R, Clean/Haskell, LaTeX, Unity, Prolog

- **Patterns & Practices**
  Object Oriented, Functional, Declarative, Deep Learning, Generative AI, Databases, Spiking networks, Biological models