Marco Kinkel

On my mission to make the world a better place. Enjoying software engineering since 2012 using interdisciplinary knowledge in cognitive science and artificial intelligence. Experience in IT consulting and software projects. Built and run productive ML systems in the cloud. I love innovative technology, strive for lifelong learning and am excited to shape the future of humanity.

ACADEMIC EDUCATION

MSc Artificial Intelligence
2020 — **2019**

University of Edinburgh ♦ with Distinction

Applied Machine Learning	Probabilistic Modeling & Reasoning	Thesis: Assessing the function of electrophysiological neuron types in a feed-forward network
Robotics	Computational Cognitive Science	

BSc Cognitive Science
2019 — **2016**

University of Tübingen ♦ Grade: 1.24 ♦ with Distinction

Informatics	Psychology	Cognitive Science	Philosophy	Thesis: Inferring Interactive Behavior using Recurrent Forward Models
Mathematics	Statistics	Neuroscience	Linguistics	

BSc Business Information Systems
2016 — **2012**

DHBW Karlsruhe & E. Breuninger GmbH & Co. ♦ Grade: 1.8

Software Engineering	Project Management	Law	Thesis: Design, Selecion and Analysis of Data Warehouse Solution for Multichannel Retailers
Business Management	IT Management	Economics	

PROFESSIONAL EXPERIENCE

Consultant for Intelligent Software
2022

MHP Management & IT-Beratung GmbH ♦ 1 year 6 months

End-to-End Machine Learning	Data Science for Machine Learning	Digital Twins
Production-ready ML on AWS	Sustainability & Ethics in AI	ML System Architecture

Research Assistant and Tutor
2019

University of Tübingen ♦ Departments: Cognitive Modelling, Computergraphics

IT-Consultant for Customer Relationship Management
2016

E. Breuninger GmbH & Co ♦ 1 year

Technical Product Ownership for CRM Systems	Consulting in strategic projects
Development & Advancement of IT systems	Modelling IT architecture

Working Student as IT-Consultant
2015 — **2012**

E. Breuninger GmbH & Co ♦ 3 years

SAP Human Resources	SAP Customer Relationship Management
SAP Finance & Accounting	other IT areas

ADDITIONAL ENGAGEMENT

- **2021** Facilitator for European Internal Reporting at Volt Europa
- **2019** Member of Study Commission for Cognitive Science at Tübingen University
- **2018** Tübingen Interdisciplinary Summer School 'Shadows of Consciousness'
- **2018** Member of Student Association for Cognitive Science at Tübingen University
- **2017** Member of Class for Advanced Studies 'Disembodied Cognition'

Skills

PROGRAMMING

Java	●●●
Python	●●●
javascript	●●○
C++	●●○
C#	●●○
Kotlin	●○○

MACHINE LEARNING LIBRARIES

sklearn etc.	●●●
PyTorch	●●○
TensorFlow	●●○

MACHINE LEARNING OPERATIONS

ML Architecture	●●○
ML on AWS	●●○

OTHER SOFTWARE DEVELOPMENT

Web Development	●○○
Full Stack	●○○
Android Apps	●○○

MISCELLANEOUS

- (Agile) Project Management
- SQL
- Unix
- Git
- ROS (Robotics)
- MS Office & LaTeX
- SAP ERP, CRM & ABAP

LANGUAGES

German	NATIVE
Business English	C1
Academic English	C1
French	BASIC
Spanish	BASIC

Achievements

AWS Certified Machine Learning Specialty
12/2021

AWS Certified Cloud Practitioner
12/2020

Top 7%
of Cognitive Science Students 2014-2019 at University Tübingen

Deutschland-stipendium
Scholarship for highly talented students (2018)

Trainer aptitude
"Ausbildereignung", awarded 2015 by Chamber of Industry and Commerce (IHK)