

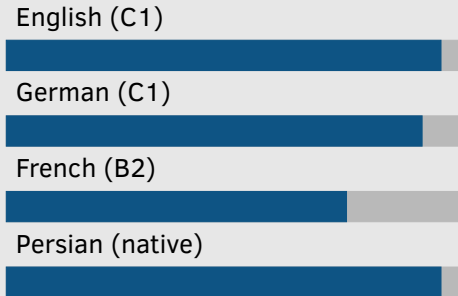


Meysam Goodarzi

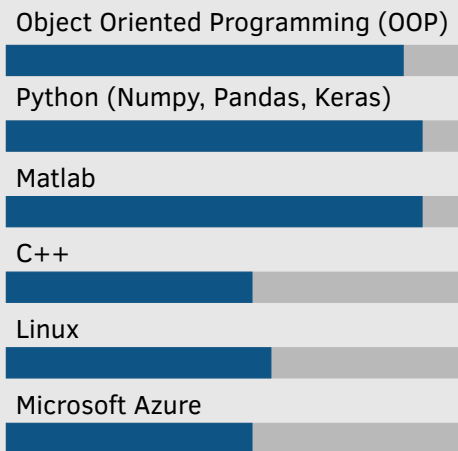
Quantitative Consultant

- xx xxxx 1991
- xxxx str. xx, Berlin, Germany
- +49 xxxx
- [Linkedin](#)
- analytica@meysam-goodarzi.com

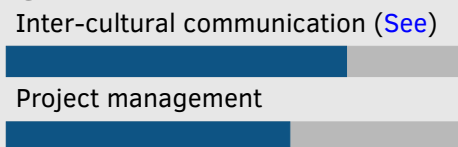
Language Skills



Technical Skills



Qualifications



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Education

- 11.17- Humboldt University of Berlin Berlin, Germany
04.23 *Ph.D. in Computer Science*
- 09.21- University of Paris 1 Panthéon-Sorbonne Paris, France
07.22 *M.Sc. in Economics*
- 10.14- University of Erlangen-Nürnberg (FAU) Erlangen, Germany
01.17 *M.Sc. in Communications and Multimedia Engineering*

Experience

- 11.23- present Freelance Quantitative Consultant Berlin, Germany
Teaching Data Science topics at [ReDI](#) school of digital career:
 - OOP-based data management using Pandas
 - Probability theory and Bayesian statistical analysis
 - Machine learning topics incl. linear/logistic regression
 - 05.23- 11.23 [d-fine GmbH](#) Berlin, Germany
Quantitative Consultant analysing insurance data using SQL/Python:
 - Writing validation checks for catastrophe exposure data
 - Data preparation for the risk management statistical tool
 - Gitlab-based WebApp development
 - Banking: Basel II, risk estimation/management
 - 08.17- 04.23 [IHP GmbH](#) - Leibniz-Institut für Innovative Mikroelektronik Frankfurt, Germany
Researcher in European commission's horizon 2020 projects ([5G-XHaul](#), [5G-PICTURE](#), and [5G-CLARITY](#)) for developing the 5G:
 - AI section responsible:
 - Coordination among culturally diverse partners to ensure work harmony and on-time delivery of results
 - Review, revision, and presentation of technical contents, i.e., DNN-based algorithms.
 - Cloud-based development and deployment of DNN-based Non-Line-of-Sight identification algorithm
 - Modeling and algorithm design using data analysis based on:
 - Probabilistic graphical models & inference algorithms
 - Deep learning, i.e., CNN-based radio-map construction for mobile user localization
 - Data-driven location-predictive algorithm with the aid of Markov models & Bayesian decision-making
 - 09.21- 07.22 School of Economics at Panthéon-Sorbonne Paris, France
M.Sc. thesis student on the topic [Dynamics of Growth and Inequality in Economic Networks: the Impact of Policy Making \(See\)](#), Grade: 19/20.
 - Game theory, (non-) convex optimization, and policy analysis
 - Inequality, growth, and network economics
 - LSTM-based time-series analysis (of stock market data)
 - Randomized Control Trial (RCT)-based analysis of impact of teachers' inclusive behavior on students average grade
 - 01.15- 07.17 Chair of Digital Communications at FAU Erlangen, Germany
M.Sc. thesis student on the topic [Resource Allocation for a Distributed Antenna System \(See\)](#), Grade: 1.0/1.0.
 - (Non-) Convex matrix-valued optimization theory
 - Matlab-based Optimal resource allocation policy
- Student-Assistant & Research Assistant
- Tutor for data/signal processing lab
 - Development and documentation of [Matlab simulation package](#) in collaboration with Fraunhofer IIS ([See](#))

Selected Publications

M. Goodarzi et al. DNN-assisted particle-based bayesian joint synchronization and localization. *IEEE Transactions on Communications*, 2022 [Impact Factor : 7.7]([See](#))

See the full list in [Google Scholar](#)

Meysam Goodarzi

May 4, 2024