Marcel **Reppenhagen**

M. Sc. Information Systems Management
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Education

Born on 02.02.1995 in *Berlin*

Technical University of Berlin *Berlin*

M.Sc. in Information Systems Management (Grade: 1.2) April 2018 - October 2020

Technical University of Berlin *Berlin*

B.Sc. in Information Systems Management (Grade: 1.8) October 2014 - March 2018

Schiller Gymnasium (Bilingual German-English Europeschool) *Berlin*

Abitur (Grade: 1.3) 2007 - 2013

Skills

DevOps	Git, GitHub Actions, Docker
Backend	NodeJS, TypeScript, Express, EJS, Python, Java
Frontend	HTML5, CSS, JavaScript, TypeScript, React, Vue, EJS, Webpack
Databases	PostgreSQL, MySQL, MongoDB, DynamoDB
Amazon Web Services	EC2, Lambda, API Gateway, S3, SES, SNS, SQS, Route53, CloudFront, CloudWatch
Data Analysis	Python incl. numpy, scipy, pandas, matplotlib, jupyter
Traffic Simulation	SUMO incl. TraCI, MATSim
Document Management	Microsoft Office incl. VBA, Google Sheets/Docs, LaTeX
Artificial Intelligence	Neural Networks, Symbolic AI, Search Algorithms
Theoretical Knowledge	Software Design Patterns, Foundations of External and Internal Accounting, Investment and Finances, Microeconomics, Marketing, Production Management, Statistics: Common Test and Estimation Techniques, Distributions, Operations Research, Graph Algorithms, Linear und Dynamic Programming, Theoretical Computer Science: Complexity Analysis, Machine Theory and Formal Language Theory, Distributed Ledger Technologies and Blockchain, Project Management with Network Planning
Languages	German (Mother tongue), English (C2 certified) & Hebrew (Basics)
Private Interests	Competitive Programming e.g. LeetCode, ETFs, Piano, Travel

Experience

SenSafety - Student Project at Technical University of Berlin *Berlin*

Mobile/Web Development April 2019 - October 2019

- App development with React Native and Firebase
- Development of a statistics dashboard with live map, graphs and other visualizations

Technical University of Berlin *Berlin*

Tutor April 2016 - April 2017

- Business Processes and IT-Services (Business Models, BPMN, Petri-Nets, Communication Patterns, Enterprise Computing, Service-Oriented Architectures)
- Technical Foundations of Computer Science (Binary Code, Logical Gates, Hardware, OS, Memory management, Coordination, Networks, Distributed Systems)

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