Marcel **Reppenhagen**

M. Sc. Information Systems Management
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Education

Schiller Gymnasium (Bilingual German-English Europeschool)	*Berlin*
Abitur (Grade: 1.3)	2007 - 2013
Technical University of Berlin	*Berlin*
B.Sc. in Information Systems Management (Grade: 1.8)	October 2014 - March 2018
Technical University of Berlin	*Berlin*
M.Sc. in Information Systems Management (Grade 1.2)	April 2018 - November 2020

Skills

Java	Eclipse, Tomcat, Wildfly, JSPs, Jersey, Spring, Maven
Web	HTML5, CSS, JavaScript, NodeJS (ES6 and ES5), Express, React, Vue, EJS, Babel, Webpack
Data Analysis	Python incl. numpy, scipy, pandas, matplotlib, jupyter
Traffic Simulation	SUMO incl. TraCI, MATSim
Other Programming Skills	Git, Docker, Design-Patterns
Databases	SQL Databases and NoSQL Databases: MySQL, MongoDB, DynamoDB
Amazon Web Services	EC2, Lambda, API Gateway, S3, SES, SNS, SQS, Route53, CloudFront, CloudWatch
Document Management	Microsoft Office incl. VBA, LaTeX
Artificial Intelligence	Neural Networks, Symbolic AI, Search Algorithms
Theoretical Knowledge	Hardware, Foundations of External and Internal Accounting, Investment and Finances, Microeconomics, Marketing, Production Management (Modelling with GAMS), 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. Project Euler, ETFs, Piano, Travel

Experience

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)

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

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