



# Marcel Reppenhagen

M. SC. INFORMATION SYSTEMS MANAGEMENT

Nürnberger Straße 38 – 10777 Berlin

☎ (+49) 172 3831303 | ✉ marcelreppi@gmail.com |

🏠 reppenhagen.space | 🌐 marcelreppi | in Marcel

## 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

<b>DevOps</b>	Git, GitHub Actions, Docker
<b>Backend</b>	NodeJS, TypeScript, Express, EJS, Python, Java
<b>Frontend</b>	HTML5, CSS, JavaScript, TypeScript, React, Vue, EJS, Webpack
<b>Databases</b>	PostgreSQL, MySQL, MongoDB, DynamoDB
<b>Amazon Web Services</b>	EC2, Lambda, API Gateway, S3, SES, SNS, SQS, Route53, CloudFront, CloudWatch
<b>Data Analysis</b>	Python incl. numpy, scipy, pandas, matplotlib, jupyter
<b>Traffic Simulation</b>	SUMO incl. TraCI, MATSim
<b>Voice</b>	Alexa Skills
<b>Document Management</b>	Microsoft Office incl. VBA, Google Sheets/Docs, $\LaTeX$
<b>Artificial Intelligence</b>	Neural Networks, Symbolic AI, Search Algorithms
<b>Theoretical Knowledge</b>	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
<b>Languages</b>	German (Mother tongue), English (C2 certified) & Hebrew (Basics)
<b>Private Interests</b>	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)

Marcel Reppenhagen