Magnus Johannsen

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Education

MSc, Computer Science & Informatics | weighted GPA: **9.50**   *Roskilde University* | 2021-2023 (Jan.)
- IT-architectural analysis and design in theory and in practice working with a company
- Organisational change management in relation to IT
- Data science with **R** in a business context

MSc, Computer Science | weighted GPA: **7.29**   *IT University of Copenhagen* | 2020-2021
- Advanced algorithms and complexity, **Python** programming
- Concurrency programming in **Java** and **Kotlin**
- Advanced functional programming in **Scala**
- Cryptography, penetration testing, security protocols
- Robotics, electronics, mechanics, C-programming
- **Deep learning**, data science algorithms design
- IT-architectural analysis and designing

Simulation of COVID-19 in Denmark | 15 ECTS   *Bachelor Project* | 2020
- Data science, **machine-learning**, **Python** (SciKitLearn, SciPy, Pandas)
- Link to project report (Source Code)

BSc, Computer Science | weighted GPA: **9.31**   *Roskilde University* | 2017-2020
- Algorithms & complexity, OOP, data structures, **Java**, scalable systems, testing, git.
- Programming and testing interactive systems using **C**
- Interactive design using **JavaScript**, partnership with Roskilde Festival
- Functional programming in **F#,** abstract syntax trees
- Requirement analysis, UX, risk analysis, modelling, iterative design methods
- Discrete mathematics, grammar & formal language, logic, prolog
- Basic **AI** programming and theory
- Software design methods, database processing with **SQL**

STX, Mathematics A - Biology A - Physical Education B   *Roskilde Katedralskole* | 2011-2014

Work experience

Teaching Assistant, *IT-University of Copenhagen*   *Copenhagen* | 2021
- Introductory robotics course (MSc, Computer Science).

Bartender, *Box 54.*   *Copenhagen* | 2019-2020
- Independence, working under pressure, responsibility, public relations.

Sound Engineer, *Preus & Paludan.* *Copenhagen* | 2017-2019
· Working under pressure, adaptability, responsibility, public relations.

Voluntary Nature Conservation Assistant, *Projects Abroad.* *Botswana* | 2016
· Personal development, responsibility, teamwork.

Substitute Teacher, *Stengård Skole.* *Kongens Lyngby* | 2014-2015
· Adaptability, responsibility, independence, working under pressure.
· Conflict management and communication.

Nursery Assistant, *Sjakket.* *Copenhagen* | 2014-2015
· Teamwork, responsibility, communication, conflict management.

DJ, *MusikDJ.dk.* *Copenhagen* | 2013-2015
· Public relations, independence, responsibility, event management.

Other activities

Folk High School - Electronic Music. *Jyderup Højskole* | 2016
Independent travels in Southern Africa. 2016

Languages

Danish (mother tongue) | English (fluent) | German (elementary)

Hobbies

Calisthenics | Traveling | Music | Rock Climbing | Reading | Gaming