

Mikolaj Hilgert

Eindhoven, The Netherlands
mikolaj.hilgert@protonmail.com

Student

GitHub: mikolajhilgert
LinkedIn: mikolaj-hilgert



I am committed to my work and have a strong desire to learn new skills and collaborate with others. Furthermore, growing up in a multicultural environment has made me more open, approachable, and adaptable to difficult situations. I am good at group organization, ensuring that all project goals are met on time. My current decision to pursue a Bachelor of Science in Software Engineering was motivated by my interest in practical problem solving. I'm also very interested in business, which I intend to incorporate into my future studies at JADS (Jheronimus Academy of Data Science) with the Data Science in Business and Entrepreneurship master's program.

SKILLS

Technologies	C#, Python, Java, ReactJS, Scala, Microsoft Azure, Apache Spark, Apache Airflow
Tools	Git, MySQL (MariaDB), Adobe Suite (PS & AE), Office, Cinema4D, \LaTeX
Communication	English (native), Polish (native), Czech (proficient), German (B1)

EXPERIENCE

Trainee Software Engineer (Part-Time) <i>Building Blocks (Part of CM.com)</i>	Mar 2023 — Present <i>Tilburg, The Netherlands</i>
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- Working part-time in the Engineering tribe, specifically on product development.

Software Engineering Internship (Full-Time) <i>Building Blocks (Part of CM.com)</i>	Sep 2022 — Feb 2023 <i>Tilburg, The Netherlands</i>
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- Worked full-time as an intern within the Engineering tribe.
- Extended the internal data science solution tooling with data loading & encryption functionality.
- Worked extensively with: Java, Apache Spark, Scala & Microsoft Azure.

Research Student Internship (Part-Time) <i>Microsoft</i>	Feb 2019 — Jun 2019 <i>Prague, Czechia</i>
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- Intern as part of the Quantum computing team.
- Conducted Market research.

NOTABLE PROJECTS

Data-Pipeline Developer <i>Canon - OSE Group</i>	Sep 2021 — Jan 2022
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- Worked as a group of 5 in a Scrum environment.
- Worked on the ETL Data-pipeline. Development was in Apache Airflow using Python.

Full-Stack Developer <i>withdrive - Individual University project</i>	Sep 2021 — Jan 2022
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- Spring Boot and React Java Full Stack Application.
- Implemented web-security for the application using the Spring Security Framework.
- Conducted extensive testing: Mocked unit tests with JUnit, API testing with Postman and front-end testing with Cypress.
- Implemented a full CI/CD pipeline that included deployment to Docker.

EDUCATION

Pre-master in Data Science in Business and Entrepreneurship , JADS (Tu/e & Tilburg University) Grade: 8.0	Jan 2023 — Jul 2023
⇒ Courses: Programming, Data-structures and Algorithms, Introduction to Machine Learning, Foundations of Databases, Statistics for Data Scientists	

Bachelor of Science in ICT & Software Engineering , Fontys University of Applied Science	2020 — 2024
⇒ Courses: Application Development, Object-Oriented Development, Web Application Development, Agile Development of Client-server Applications, Academic Preparation Specialisation	

International Baccalaureate Diploma and IGCSE , Prague British International School (PBIS)	2007 — 2020
⇒ Courses: English A HL, Business and Management HL, Computer Science HL, Mathematics SL, Physics SL and German B SL	

ACTIVITIES

Basiswiskunde Math B - Eindhoven University of Technology	2021
Lead of Electrical Enegenering Club (Helping younger students with Arduino projects) - PBIS	2018 — 2020
CERN S'Cool LAB Team organiser - PBIS	2019