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# CV
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## Personal Information

Name: Nicolas Mahn
Address: Untere Brandstraße 62, 70567 Stuttgart
E-Mail: Nicolas.Mahn@gmx.de
Tel.: +4915206501315
Born: 7.8.2000 in Stuttgart

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## Academic History

Business Architect Application: Since March 2023
                                Furtwangen University (HFU)
                                degree: Master of Science (2026)
                                special interests: Machine Learning, Data
                                                Science and Software Development

Business Informatics: From the September 2019-December 2022
                        Furtwangen University (HFU)
                        degree: Bachelor of Science (2023)

High School: Up to 2018
              at Königin-Charlotte-Gymnasium in Stuttgart
              degree: Abitur
              bilingual english class

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## Professional experience

Research Assistant: Since 1.11.2021
                    Furtwangen University (HFU)
                    At the Institute for Rural Mobility and Infrastructure
                    (MIR).

Student Trainee: From the 1.6.2022-30.9.2022
                 KPMG AG

Student Trainee: From the 1.11.2021-31.3.2022
                 DB System

Internship: From the 1.4.2021-30.9.2021
            DB Netz AG
            in the Department Digital Rail Germany.

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## Studies

Project about Business Intelligence 1: Big Data Analytics Project with Spark
    GitHub link: www.github.com/1Zero64/BusinessIntelligence
    5th Semester Bachelor (2021)
Project about Business Intelligence 2: Machine Learning Project with R
    GitHub link: www.github.com/NicolasMahn/BusinessIntelligence2
    5th Semester Bachelor (2021)
Project about Development of an Intelligent Packet Management System in Python,
    using a TSP Algorithm
    GitHub link: www.github.com/NicolasMahn/IntPakman
    5th Semester Bachelor (2021)
Project about Development of a Project Management Tool for KPMG
    6th Semester Bachelor (2022)
Project about a faculty-organized duck race, where a ticket management system
    and an automated duck scanning system was developed.
    GitHub link: www.github.com/NicolasMahn/DuckDetection
    6th Semester Bachelor (2022)
Bachelor Thesis about Analysis and Development of Model Free Learning Algorithms
    GitHub link: www.github.com/NicolasMahn/ModelFreeLearningAlgorithms
    7th Semester Bachelor (2022)
Project about Analysis of news agencies and development of a political bias
    detection algorithm.
    GitHub link: www.github.com/NicolasMahn/VAI
    1st Semester Master (2023)

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## Experiences Abroad

In Sion Mills, Northern Ireland, from March 2009 to August 2009
    Attended Sion Mills Primary School

In Lyon, France, from March 2013 to August 2013
    Attended Collège Charles de Foucault

In Kampala, Uganda, from August 2018 to August 2019
    Substitute mathematics and science teacher at Kawempe Youth
    Development Association Primary School and Makarere West
    Valley Primary School

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## Volunteer Work and Leisure Activities

German Boy Scout Association Sankt Georg
January 2017 - July 2018 Youth Leader
Participation in Aid Projects in the Philippines and in Palestine

Member of the Institute for Business Consulting (a student consultancy) at
Furtwangen University of Applied Sciences since December 2019.

Sport: Fitness Training, Jogging
Computer Games: Minecraft, Smash, AOE
Other Interests: Animal Rights Activism

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## Skills

### Foreign Languages
English      C1
French       B1

### Programming Languages
Java         #####
Python       #####
x86 Assembler #####:
SQL          #####:
NoSQL        #####:
Web Design   #####:
GraphQL      #####:
Rest         #####:

### Modeling Languages
UML          #####
BPMN         #####:
Flowchart    #####:
EPK          #####:

### Other Skills
MuleSoft
Microsoft Office
Confluence
Jira
LaTeX
Linux
MS Teams
Zoom
SAP
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