Yannick Reinhard Pferr

Born: 27.10.1995

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My Website   GitHub   LinkedIn

Education

Technische Universität Darmstadt
M.Sc. Business & Information Systems   **October 2018 – July 2021**

- Specialized in Trusted Systems, Data & Knowledge Engineering, as well as innovation and digital business models
- Gained additional practical experiences through seminars and projects like a cooperation with Heraeus Holding GmbH to digitalize business models in industry 4.0
- Master thesis: Evaluation and Implementation of Machine Learning Methods for Production Optimization (at Bosch Rexroth AG)

Technische Universität Darmstadt
B.Sc. Business & Information Systems   **October 2014 – April 2018**

- Practical experiences in various software projects, for example an IT-project to build a big data architecture in cooperation with R+V Allgemeine Versicherung AG
- Bachelor thesis: Potential of AI-Systems in Marketing using the example Salesforce Einstein (at Arlanis Reply AG)

Experience

Bosch Rexroth AG
Master thesis | Using Machine Learning for Production Optimization   **January 2021 – July 2021**

- Carried out a data science project using the CRISP-DM model
- Built a machine learning system for production planning with the goal to optimize production and machine setup times
- System was built using supervised learning and deep reinforcement learning
- The system was implemented in Python with scikit-learn, pandas, NumPy, TensorFlow and Keras

Arlanis Reply AG
Bachelor thesis/Intern (12 weeks)/Working Student | Developer & Consultant   **January 2018 – July 2021**

- Development of Java applications with Salesforce integration via REST or SOAP APIs
- Full stack development with HTML/CSS and JavaScript (Frontend) and ServerSide JavaScript (Backend)
- Worked with SQL queries to segment customers and produce reports
- Documentation and IT-Assessment of user stories
- Consulting and project work in an agile environment (SCRUM)

Skills and Interests

Programming: Java, JavaScript, Python, SQL, HTML/CSS, R, C/C++

Software and Tools: Node.js, Gatsby.js, React, TensorFlow, Keras, scikit-learn, Apache Kafka, MS-Office, Git, Atlassian Suite (Jira/Confluence/Bitbucket), MySQL, MongoDB, InfluxDB

Languages: German (native)**,** English (fluent)**,** French (basic)

Interests and Hobbies: private software projects (E.g.: home automation with Raspberry Pi/Arduino)**,** fitness and healthy cooking