

Robin Stöhr

ARTIFICIAL INTELLIGENCE · SOFTWARE ENGINEER · STUDENT

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Education

Vrije Universiteit Amsterdam

M.S ARTIFICIAL INTELLIGENCE

Amsterdam, Netherlands

Sep. 2021 - Present

CODE University of Applied Sciences

B.S. SOFTWARE ENGINEERING

- Graduated in June 2021
- Bachelor thesis topic: Pattern Recognition using Quantum Machine Learning. Grade: 1.3

Berlin, Germany

Sep. 2017 - Jul. 2021

Work Experience

SuperX GmbH

SOFTWARE ENGINEERING WORKING STUDENT

- Set up whole backend infrastructure from the ground up
- Organized and executed large refactorings
- Tech Stack: Kotlin, Quarkus, PostgreSQL, Flyway, Twilio, Facebook API, Postmark

Berlin, Germany

Sep. 2020 - Feb. 2021

Uber Technologies, Inc.

SOFTWARE ENGINEERING INTERN

- Bootstrapped the inclusion of Apple Search Ads to the service
- Wrote multiple Bash developer scripts, to simplify tasks like executing gRPC requests
- Tech Stack: Java EE, Spring Boot, PostgreSQL, Protocol Buffers, Apple Search Ads API

Amsterdam, Netherlands

Sep. 2019 - Jan. 2020

Toast, Inc.

SOFTWARE ENGINEERING INTERN

- Added Twilio SMS support to new customers, as an alternative to using email addresses
- Added according frontend changes to the Toast web page
- Tech Stack: Java EE, Spring Boot, PostgreSQL, Hibernate, Apache Thrift, Twilio

Dublin, Ireland

Feb. 2019 - Aug. 2019

Research

Solving the Extended Job Shop Scheduling Problem with AGVs – Classical and Quantum Approaches

Los Angeles, California USA

Co-AUTHOR

Jun. 2022

- Paper written in cooperation with Telekom Innovation Laboratories and Fraunhofer FOKUS
- Published at the 19th International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research (CPAIOR 2022)
- DOI: 10.1007/978-3-031-08011-1_10

Honors & Awards

2022 VU Data Mining Techniques Cup

Amsterdam, Netherlands

May 2022

LEARNING TO RANK (LTR) COMPETITION TO DEVELOP A HOTEL RANKING ALGORITHM FOR EXPEDIA USERS

- Learning to Rank competition in a collaboration between the Vrije Universiteit Amsterdam(VU) and Universiteit van Amsterdam (UvA)
- Finished the competition in first place out of over 170 teams

CODE Demo Day

Berlin, Germany

Jun. 2020

PITCHING MY PROJECT ON THE VIRTUAL DEMO DAY 2020 OF THE CODE UNIVERSITY

- Selected as one of a few students, to present my semester-project to the public
- Topic of presentation: Quantum Computing solution to the Job Shop Problem

Extracurricular Activity

Digital Product School (DPS)

Munich, Germany

Jun. 2018 - Aug. 2018

SOFTWARE ENGINEER

- Program to gain professional experience in software development, by work in a cross-functional product team
- Represented Facebook as a student talent

42, Silicon Valley

Fremont, California USA

Sep. 2018 - Oct. 2018

INTENSIVE LOW-LEVEL PROGRAMMING TRAINING

- One-month long intense C Bootcamp at the renowned School 42
- Rated as one of the best 10% of all 200+ students