




# Rudolf M. Schreier, MSc ETH CS

   thepadawan

## summary

Full stack developer with 4 years' experience in C#, Java, and Python development. Experienced in Scrum and project management. Specific industry experience in CRM and eCommerce.

## experience

**2018 – 2020**

**Software Engineer  
Digitec Galaxus AG | Zurich**

*Digitec Galaxus AG operates Switzerland's largest online shops, digitec.ch and galaxus.ch.*

- Maintained actor-based ETL system on GCP
- Architected scalable streaming services based on CQRS
- Steered migration from monolithic system into service-based architecture
- Integrated and maintained asynchronous AI/ML services
- Mentored junior team members and reviewed their contributions
- Adapted to interim roles in project ownership and management
- Tools/libraries: C# 6 – 7 (.NET, .NET Core), MS SQL Server, GCP, Azure, Azure DevOps, Akka.NET, Event Store, Grafana, InfluxDB

**2016 – 2017**

**Full stack Software Engineer  
BSI AG | Zurich, Baden (AG)**

*BSI Business Systems Integration AG is specialized in developing customized CRM and Customer Service solutions for the banking and insurance industries.*

- Analyzed and formulated customer requirements as agile stories
- Accompanied project execution from proof-of-concept to release and maintenance
- Fixed bugs and implemented new features on the core product (BSI CRM) used throughout all customer solutions (6 months duration)
- Tools/libraries: Java 7 – 8, Eclipse Scout, PostgreSQL, Oracle SQL, Javascript, Git, SonarQube, Gerrit, Jenkins, Maven

**2015 – 2016**

**Software Engineer  
Digitec Galaxus AG | Zurich**

- Improved use of agile methods using Scrum and Kanban
- Led 3-month department-wide (headcount 25) project on improving testability and maintainability of a 1m SLoC solution
- Led workshops on SOLID, Agile tenets
- Tools/libraries: C#, ASP.NET MVC, T-SQL, MS SQL Server, JIRA, Confluence, Scrum, Kanban, Git, SonarQube, TeamCity

## education

ETH Zurich  
Feb 2012 – April 2014

MSc Computer Science  
Focus: Computer Graphics, Software Engineering

ETH Zurich  
Sep 2008 – Feb 2012

BSc Computer Science  
Weighted grade avg. 5.04/6

## languages

Native  
Fluent  
Basic

German  
English (IELTS 8.0)  
French (A2), Japanese (A1)

## skills

Advanced  
Intermediate  
Novice

C#, Git, Python, TypeScript  
Java, (T-)SQL, React, Vue.js, Angular, Redux, Javascript  
C++, C

## hobbies and interests

Tech-related

full-stack side projects (Python, Typescript, React),  
open-source contributions

Other

bodyweight fitness, yoga, gardening