



Julian Busch

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EDUCATION

BSc in Business Mathematics
Zurich University of Applied
Sciences (ZHAW)
2012 - 2016 (part-time)

LANGUAGES

German (Native)

English (Proficient)

EXPERIENCE

Sabbatical, Zurich

Personal Projects

February 2024 - today

Working on open source projects (primarily on GitHub), contributing to an R course (productive-r-workflow.com) and exploring commercial SaaS ideas.

Full-time Dad

June 2023 - January 2024

Fisch Asset Management AG, Zurich

Multi Asset Solutions Portfolio Manager

December 2020 - May 2023

Co-responsibility of two mutual funds and four discretionary mandates with a total of approximately 1.5bn CHF AuM. Primary responsibility over the systematic components of the investment process as well as the whole operational value chain like instrument selection, order process, rebalancing and risk analysis.

Head Quantitative Development

April 2020 - November 2020

Lead a team of two senior engineers to accelerate the adoption of quantitative methods for all portfolio management teams. Completed the delivery of momentum signals on single equities for convertible bond portfolio managers.

Senior Quantitative Developer

January 2019 - March 2020

Migration of a variety of services to AWS, using DevOps methodology and cloud-native infrastructure as code. Development of RiskEngine, a tool for risk and performance metrics on timeseries.

Quantitative Developer

January 2018 - December 2018

Development of a server-side, R-based portfolio management analytics environment for the Multi Asset Solutions team, including proprietary R packages and a dedicated read-optimized database. Introduced the citizen developers concept to create own analysis and reports.

Previous Roles

Quantitative Analyst

January 2017 - December 2017

DDM AG, Baar

Business Intelligence Manager (80%)

February 2014 - February 2016

Bouygues E&S FM Schweiz AG, Zurich

Business Intelligence Analyst (80%)

July 2013 - January 2014

Bank Frey & Co. AG, Zurich

Support Assistant

July 2011 - June 2013

PwC AG, Zurich

Intern HQ Management

April 2011 - June 2011

Bombardier Transportation AG, Zurich

SKILLS & PROFICIENCY

R, Python

Used R as primary language for fully reproducible research, analysis and models in the context of portfolio management, Python for all other production backend services. Everything was version controlled through git.

DevOps

Deployed Docker-based services through Github CI/CD, including fully automated testing, to Amazon AWS, using infrastructure as code with Terraform and AWS CDK.

Project Management

Managed firm-wide multi-quarter projects spanning internal teams and external service providers. Primarily used Jira and Confluence as tooling.

Portfolio Management

Worked on all levels from research through to implementation, strategic to tactical asset allocation, using Bloomberg Terminal as well as Blackrock Aladdin.

Quantitative Investment Analysis

Backtesting of investment strategies, simulations and reporting for clients, portfolio construction as well as risk and performance analysis.