



Self-driven, passionate and committed software engineer specializing in market trading and asset management discipline. Flexible with languages, tools and everything that leads to good solution. Enjoying his life in the beautiful area of Zürich.



SKILLS

Backend

Java Java EE FIX 4.2 - 5.0 Spring Framework Spring Boot Hibernate Google Guice Python
SQL - MySQL, Oracle

Frontend

Angular 2+ Typescript D3 charts HTML CSS

Tools

IntelliJ IDEA Eclipse GIT SVN Docker Eclipse MAT VisualVM JProfile JMeter SoapUI
Postman

Other

TeamCity Jenkins Enterprise Architect Gliffy Balsamiq



EMPLOYMENT

Lead Software Engineer, **Excelian | Luxoft Financial Services**

2019-09 — Present | Zürich, Switzerland | Java SE 6, Google Guice, Google Guava, Oracle DB, Angular 4+, Typescript, D3.js,

Senior Software Engineer

2019-04 — 2019-08 | Zürich, Switzerland

Senior Software Engineer

2018-10 — 2019-03 | Wrocław, Poland

Software Engineer

2017-08 — 2018-10 | Wrocław, Poland

Robo Advisory Platform

- Driving, leading and maintaining project constantly
- Taking part in system architecture and planning integrations with external systems
- Integration and development of portfolio rebalancing and risk analysis engines
- Caching framework development
- UI development using Angular 6, Typescript and D3 technologies
- Constantly raising code base quality by actively done code reviews
- Integration tests development

Software Engineer / Product Owner, **Empirica S.A.**

2015-07 — 2017-08 | Wrocław, Poland | Java SE 8, Java SE 6, FIX 4.2/5.0 Protocol, Spring Framework, SOAP Web Services, JMX, MySQL, Chronicle, Maven, Hudson, Eclipse, Eclipse MAT, VisualVM, JConsole, Hibernate, REST Services, IDEA IntelliJ, AngularJS, NodeJS,

Robo Advisory Platform

- Taking part in system architecture and planning integrations with external systems
- Implementation of portfolio rebalancing logic
- Building REST and Web Socket services
- Defining specification for Robo-Advisory platform
- Leading project and determining requirements for development team
- Contact with clients and taking part in client meetings
- Leading Scrum ceremonies: backlog refinement, sprint planning

Algorithmic Trading Platform

- Trading strategies implementation for market makers
- FIX Brokers integration, e.g. Interactive Brokers
- Market Data Feeds integration, e.g. Oanda, Interactive Brokers
- Backtest platform development
- System maintenance
- Leading project and determining requirements for development team



PROJECTS

IEXTrading4j

2017-03 — Present

IEX Trading allows to receive market and financial data. Their data can be accessed in real-time during market session, can be downloaded as recorded sessions in PCAP files or can be accessed by bunch of different API-s. Ecosystem of libraries allows to access each type of data from binary packets, REST, SSE or Websocket services.

FIX Parser

2016-03 — Present

Ultimate tool for FIX developers and testers. It allows to upload your custom FIX dictionaries and make your daily work much easier with better field definition, compare FIX messages to find differences in fields values or remember and browse messages parsed in the past.



EDUCATION

*Bachelor of Science in Systems Engineering, **Wrocław University of Science and Technology***

2012-10 — 2016-01

Faculty is teaching how to use the information tools, including writing simple programs, designing data bases and active use of the Internet resources. The studies program involves elements of microeconomy, secrets of managing enterprise finances or the selected issues of market economy. They learn basics in law - especially in the civil law part, economic circulation, competition and consumer protection or intellectual and industrial property protection.



LANGUAGES

English
Fluent

Spanish
Fluent

German
Basic

Polish
Native



TESTIMONIALS

Patryk Stopyra - Software Developer @ UBS

What is most characteristic for him - it's his engagement. When he obtains a problem to be solved - he focuses on it, gets 100% involved into the subject and does not give up until he comes out with an accurate solution. And he is usually extremely efficient with this.



INTERESTS

Sports
Football (Soccer), Squash, Tennis

Puzzle
Rubik's Cube, Sudoku

Cars