

Thomas Eizinger

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Passionated software developer with a strong focus on code and software quality.

I am a superiously fast-learning team player who is always looking for challenges to improve himself.

Work experience

- 03/2018 – today **Research Engineer, TenX (CoBloX Lab)**, full-time.
Blockchain R&D, Developing the COMIT protocol
Technologies: Rust, Docker, Blockchain, Smart Contract Programming
- 10/2017 – 02/2018 **Software Developer, Willhaben Internet Service GmbH & Co KG**, full-time.
Maintenance and extension of the core codebase
Technologies: Spring Boot, Tomcat, Java 8, Postgres, Cybase, Git
- 09/2015 – 06/2017 **Software Developer, Senacor Technologies AG**, part-time.
Development of a sales frontend for an Austrian bank
Technologies: JSF, JPA, EJB, JBoss, Oracle, Java 8, Gradle, Jenkins, Git
- 07/2014 – 06/2015 **Intern, IBM Softwaregroup Wien**, part-time.
Implementation of IBM software at client venues
Technologies: IBM Content Navigator, IBM WebSphere, Spring Boot, DB2
- 01/2014 – 12/2014 **Software Developer, Akademikerhilfe Wien**, part-time.
Maintenance of a traffic contingent management software for student dorms
Technologies: PHP, iptables, SNMP, Linux
- 07/2013 **Intern, T-Mobile Austria E-Business**, full-time.
Development of various productivity tools for co-workers in the e-business department
Technologies: C#, WPF

Things I know best

- Languages Java, Rust, JavaScript (ES6+), C#, English (IELTS 8/9), German (native)
- Frameworks JavaEE, Spring, Hibernate, ReactJS, Redux (Flux)
- Tools IntelliJ IDEA (Shortcut expert), Git, *SH
- Concepts FP, REST, TDD, Domain Driven Design, APIs, Modelling

Things I like best

REST (esp. Hypermedia), Open-Source, Cryptography, Design Patterns, DDD, DevOps, Architecture-stuff

Education

- 2015 – 2017 **Master of Science – Software Engineering**, *UAS Technikum Wien*.
Thesis: API-Design in Distributed Systems: A Comparison between GraphQL and REST
Graduated with distinction
- 2012 – 2015 **Bachelor of Science – Computer Science**, *UAS Technikum Wien*.
Thesis: Documentation of RESTful Web Services Built in Java
Graduated with distinction
- 2003 – 2011 **Secondary school**, *BRG Schloss Wagrain Vöcklabruck, Upper Austria*.

Side jobs

- WS 2017 **Professor**, *UAS Technikum Wien*.
Lecture: Single Page Applications in JavaScript – 1.5 ECTS
- 02/2015 – 06/2017 **Tutor**, *UAS Technikum Wien*.
C, C++, Java, C#, Design Patterns, Testing
- 10/2012 – 11/2013 **Tutor**, *Huemer Schülerhilfe Wien*.
Mathematics

Freelancing Projects

- since 03/2016 **nobt.io**, *Open-Source Project (github.com/nobt-io)*.
Split your bills with ease
Technologies: ReactJS, Redux, Java, AWS
- 11/2014 – 02/2015 **FMVEA-Tool**, *Austrian Institute of Technology*.
Failure **M**odes, **V**ulnerabilities and **E**ffects **A**nalysis
Technologies: AngularJS, C#
- 11/2014 – 02/2015 **LiveEOG**, *UAS Technikum Wien*.
Prototyp for controlling a PC using an Electrooculograph (EOG)
Technologies: C#, WPF

Talks

- VoxxedDays **Flux: A modern way of doing MVC?**, *David Leitner & Thomas Eizinger*.
Vienna 2018
Recording: <https://youtu.be/h9SDuTSy7ps>

Favorite books

- Robert C. Martin **Clean Architecture**, 2017.
- Kim Webber **REST in Practise**, 2010.
- Robert C. Martin **Clean Code**, 2008.
- Eric Evans **Domain Driven Design**, 2004.
- Martin Fowler **Refactoring**, 1999.