

# Konstantin Kueffner

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Töckergasse 20, 3420 Kritzensdorf, Austria  
konstantin.r.kueffner@gmail.com | konstantinrk.github.io/homepage

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## EDUCATION

**Master of Science (ongoing)**, | 09.2017 - today

*Subject:* Logic and Computation

*Institution:* Vienna University of Technology

*Language:* English

*Performance:* GPA of 1.0 over currently 70.5 ECTS

**Bachelor of Science**, | 09.2012 - 04.2016

*Subject:* Business and Business Information Systems (Double Major)

*Institution:* Vienna University of Economics and Business

*Language:* German

*Performance:* GPA of 1.48 over 221.5 ECTS (top 17 out of 5416 students)

*Thesis:* An introduction to the Pollution Routing Problem and its behaviour

**High School**, | 09.2007 - 06.2012

*Subject:* Electrical Engineering and Automation

*Institution:* HTL Ottakring

*Performance:* Completed with distinction

## ADDITIONAL EDUCATION

**31<sup>st</sup> ESSLLI** | 08.2019

*Subject:* Logic and Computation

*Institution:* University of Lattvia

*Comment:* European Summer School of Language, Logic and Information (ESSLLI)

**LSE Summer School** | 08.2018

*Subject:* Great Thinkers and Pivotal Leaders: Shaping the Global Order

*Institution:* London School of Economics and Political Science

*Performance:* GPA of 1.0 over 7.5 ECTS (among top 5 out of 55 students)

*Comment:* Elective course for master's degree

**Non-Degree Courses** | 03.2017 - 06.2019

*Subject:* Software & Information Engineering

*Institution:* Vienna University of Technology

*Performance:* GPA of 1.22 over 27 ECTS

**EF English Course** | 07.2013 - 08.2013

*Subject:* English (Language-)Course

*Institution:* Education-First Boston

*Performance:* EF Cambridge English Level Test indicates *C2* English proficiency

**ACADEMIC  
WORK  
EXPERIENCE**

**Teaching Assistant - KBS** | 03.2019 - today | 8 h/week

*Institution:* Vienna University of Technology

*Tasks:* Developing exercises and exams for the course “*Knowledge Based Systems*” and the course “*Introduction into Knowledge Bases Systems*”.

**Scientific Assistant** | 11.2018 - today | 20 h/week

*Institution:* Vienna University of Economics and Business

*Tasks:* Writing an R-package for analysing temporal networks; research in the field of temporal networks; correcting teaching material.

**Teaching Assistant - Data Science** | 09.2017 - 02.2019 | 5 h/week

*Institution:* Vienna University of Economics and Business

*Tasks:* Developing exercises and exams; correcting exercises; writing web-crawlers for data extraction; maintaining the course website; giving lectures on the topic of “*Introduction into Python*”.

**Teaching Assistant - Network Security** | 09.2017 - 02.2019 | 4 h/week

*Institution:* Vienna University of Economics and Business

*Tasks:* Developing exercises; correcting teaching material; setting up a Linux distribution to provide practical experience for students in fields of cryptography, WLAN-security, firewalls, intrusion detection, access control, identity management and web security.

**Teaching Assistant - Networks** | 09.2015 - 02.2019 | 4 h/week

*Institution:* Vienna University of Economics and Business

*Tasks:* Developing and correcting exercises; giving lectures on the topic “*Introduction into Wireshark*”; providing online and in-person support for students; set up and maintain the course-website and the examination-system; writing a program for correcting Wireshark-submissions automatically.

**PUBLICATIONS**

K. Kueffner, M. Strembeck: A Generalized Notion of Time for Modeling Temporal Networks, In: Proc. of the 4th International Conference on Complexity, Future Information Systems and Risk (COMPLEXIS), Heraklion, Crete, Greece, May 2019 (*A heavily revised version will be available at the end of January*)

**CONFERENCES  
& TALKS**

**Podium Presentation** | 05.2019

*Comment:* Presentation of the paper “*A Generalized Notion of Time for Modelling Temporal Networks*” at COMPLEXIS 2019 (and at the Security Business Austria Research Center)

**Student Assistant for Conference** | 09.2017

*Comment:* Partially supporting the organisers and partially attending talks during the ALGO 2017 conference.

**ACADEMIC  
AWARDS**

**Rector's List** | 2014 and 2015 (both in the summer term)

*Institution:* Vienna University of Economics and Business

*Comment:* List of the top 40 Students across all undergraduate programs.

**Academic Excellence Scholarship** | 2014 and 2015

*Institution:* Vienna University of Economics and Business

## WORK EXPERIENCE

### **Internship - Facility Management** | 07.2015 - 08.2015

*Institution:* Austrian Parliament

*Tasks:* Constructing a MS-Access database and form to support the process of taking inventory; populating and cleaning the inventory database; evaluating internal performance survey; cleaning, compiling and analysing sales records.

### **Civil Service - Paramedic** | 07.2012 - 04.2013

*Institution:* Red Cross - Klosterneuburg

*Comment:* Completed with distinction.

### **Internship - Security Systems Engineering** | 07.2011

*Institution:* PKE Electronic AG

### **Internship - Electrical Engineering** | 07.2009

*Institution:* TelePlan ProConsult GmbH

## VOLUNTEER WORK

### **Geriatric Care** | 05.2019 - today | 14 h/week

### **Red Cross Ball committee** | 08.2015 - today

*Comment:* An annual formal dance in Klosterneuburg with up to 450 attendees.

*Tasks:* Implementing a web-crawler for populating a company database; cleaning and maintaining the company database; implementing a TSP-heuristics for route optimisation; programming a task specific project planning program. Additional activities in the areas of marketing, planning, finance, tombola and catering.

### **Paramedic** | 05.2013 - 12.2014

## TECHNICAL SKILLS

**Programming Languages:** ASP, Haskell, Java, Python, R, (Unix-)Shell

**Markup Languages:** CSS, HTML, XML (and XSL)

**Databases:** MySQL, SQLite, MongoDB, MS-Access

**Text processing:** L<sup>A</sup>T<sub>E</sub>X, Office

**Version Control:** Git, SVN

## NATURAL LANGUAGES

**German:** Native

**English:** C1

- Cambridge Institute Vienna, Spring 2014,  
Cambridge First Certificate in English: C1
- EF Boston, Summer 2013,  
Papertest TOEFL: 650/677
- EF Boston, Summer 2013,  
EF Cambridge English Level Test: C2