

Konstantin Kueffner

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EDUCATION

Master of Science (ongoing) | 09.2017 - present

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

31st 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 - present | 8 h/week

Institution: Vienna University of Technology

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

Scientific Assistant | 11.2018 - present | 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; setting up and maintaining 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: Supporting the organisers as well as 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 - present | 15 h/week

Comment: Taking care of an elderly woman suffering under dementia.

Red Cross Ball committee | 08.2015 - present

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

Comment: Serving as a volunteer paramedic at the Red Cross Klosterneuburg, by responding to emergency calls and providing qualified first aid.

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^AT_EX, 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