

RESUME

GABRIEL GRILL

SKILLS & INTERESTS

COMPUTER SCIENCE:	MACHINE LEARNING, NLP, PARALLEL & DISTRIBUTED COMPUTING, COMPILERS, SECURITY, DATABASES, LOGIC, HCI, FUNCTIONAL PROGRAMMING
TECHNOLOGIES:	PYTHON, SPARK, HASKELL, SCALA (LIFT), JAVA (SPRING), C#, F#, C, C++, ANDROID
INTERDISCIPLINARY:	SOCIAL NETWORK ANALYSIS, SCIENCE AND TECHNOLOGY STUDIES, COGNITIVE SCIENCE
LANGUAGES:	ENGLISH (FLUENT), GERMAN (FLUENT)

EDUCATION

PHD IN INFORMATION SCIENCE, University of Michigan (US)	SEP 2018 - NOW
MSC. IN COMPUTATIONAL INTELLIGENCE, TU Wien (AT) THESIS: "NETWORK ANALYSIS ON THE AUSTRIAN MEDIA CORPUS: EXAMINING MEASURES OF CO-OCCURRENCE BETWEEN ENTITIES IN AUSTRIAN MEDIA"	AUG 2015 - NOW
EXCHANGE, University of Waterloo (CA) , GPA: 86/100 COMPLETED STUDENT LEADERSHIP PROGRAM AND RESEARCH SKILLS SEMINAR	FALL 2015
EXCHANGE, Télécom ParisTech (FR) , GRADE: A LECTURE: "INFORMATION EXTRACTION". EXCHANGE FROM 15 TO 22.NOV WITH ATHENS PROGRAM.	NOV 2014
EXCHANGE, Ecole polytechnique fédérale de Lausanne (CH) , GPA: 5.6/6.0 WORKED ON SIDE-EFFECT TRACKING IN THE LMS COMPILER AND ON A PREDICTION FRAMEWORK FOR VOLATILE FOOD PRICES IN INDIA (FEATURED ON EPFL-WEBSITE: http://bit.ly/1BKKPe1).	SPRING 2014
STUDENT REVIEWER, UNIVERSITY QUALITY MANAGEMENT, Austrian Student Assoc. (AT)	SEPT 2014
INTERNATIONAL SUMMER SCHOOL ON TRENDS IN COMPUTING, Tarragona (ES)	AUG 2013
BSC. SOFTWARE & INFORMATION ENGINEERING WITH DISTINCTION, TU Wien (AT) 2 YEARS ELECTED MEMBER OF INFORMATICS STUDENT COUNCIL, 1 SEMESTER NATIONAL SERVICE. THESIS: "EFFICIENT RUN-LENGTH ENCODING FOR PIPELINED MPI REDUCTION OPERATIONS"	OCT 2010 - AUG 2015
HIGH SCHOOL DIPLOMA IN "IT AND BUSINESS", HTL Wiener Neustadt (AT) STARTED ROBOTICS TEAM AND SUCCESSFULLY PARTICIPATED IN VARIOUS COMPETITIONS. FOUNDING MEMBER OF FWUTS (ASSOC. PROMOTING SCIENCE AND TECH IN SCHOOLS): http://www.robo4you.at	OCT 2005 - JUN 2010

PUBLICATIONS

NETWORK ANALYSIS ON THE AUSTRIAN MEDIA CORPUS 3RD VIENNA YOUNG SCIENTISTS SYMPOSIUM, 2017 GRILL, G. ; NEIDHARDT, J. ; WERTHNER, H.	JUN 2017
WEB OF NEEDS – A NEW PARADIGM FOR E-COMMERCE 15TH IEEE CONFERENCE ON BUSINESS INFORMATICS, 2013 KLEEDORFER, F. ; BUSCH, C.M. ; GRILL, G. ; KHOSRAVIPOUR, S. ; SALCHER, F. ; TUS, A. ; GSTREIN, E.	JUL 2013

WORK EXPERIENCE

STUDENT REVIEWER AT Agency for Quality Assurance and Accreditation Austria (AT) INVOLVEMENT IN THE ACCREDITATION OF THE DEGREE PROGRAM "DIGITAL BUSINESS & SOFTWARE ENGINEERING" AT THE MANAGEMENT CENTER INNSBRUCK (MCI).	APR 2018 - JUN 2018
RESEARCHER AT Austrian Center for Digital Humanities, AUSTRIAN ACADEMY OF SCIENCES (AT) EXAMINING THE AUSTRIAN MEDIA CORPUS, AN UNIQUE COLLECTION ENCOMPASSING THE LAST THREE DECADES OF AUSTRIAN MEDIA COVERAGE, THROUGH DATA SCIENCE TECHNIQUES.	SEP 2017 - JUN 2018 SEP 2016 - JAN 2017
RESEARCH INTERN AT Knowledge Sharing Group, NATIONAL INSTITUTE OF INFORMATICS (JP) WORK ON INCORPORATING SEMANTIC KNOWLEDGE MAINLY FROM WIKIDATA INTO ANALYSIS OF THE AUSTRIAN MEDIA CORPUS.	FEB - MAY 2017
TEACHING ASSISTANT AT Institute for Design & Assessment of Technology, TU WIEN (AT) LECTURE: <i>Interactions of Society and Technology</i> AND <i>Basics of Human Computer Interaction</i> .	MAR - JUN 2015/2016
TEACHING ASSISTANT AT Institute for Computer Graphic and Algorithmics, TU WIEN (AT) LECTURE: <i>Algorithmics and Datastructures 1</i> AND <i>2</i> .	MAR - JUN 2013
JUNIOR RESEARCHER AT Research Studios Austria, VIENNA (AT) WORKED ON ARCHITECTURE, COMMUNICATION PROTOCOLS, AND MATCHING OF POSTINGS IN THE "WEB OF NEEDS" PROJECT (http://www.webofneeds.org). PROGRAMMED MOSTLY IN JAVA WITH SPRING AND LUCENE.	SEP 2012 - JAN 2014

TEACHING

ORGANIZER/LECTURER AT Critical Algorithm Studies (Seminar Lecture), TU WIEN (AT) THE FOCUS OF THE SEMINAR IS ON INTERDEPENDENCIES BETWEEN SOCIETY, CULTURE AND ALGORITHMS, AND CRITICAL REFLECTIONS OF THEIR ETHICS AND POLITICS: https://algorithmstudies.wordpress.com	MAR - JUN 2016/17/18
LECTURER AT Welcome.TU.Code, TU WIEN (AT) LECTURE SERIES FOR UNACCOMPANIED, MINOR REFUGEES IN AUSTRIA.	AUG 2015

SCHOLARSHIPS AND AWARDS

PIONEER SCHOLARSHIP FOR EUROPEAN FORUM ALPBACH, IG Wien	AUG 2016
VOLUNTEER OF FALL 2015, Federation of Students (University of Waterloo)	NOV 2015
SCHOLARSHIP FOR TECHNOLOGY SYMPOSIUM, European Forum Alpbach	AUG 2014
FOUNDATION STIPEND, TU Wien	2013, 2014
EXCELLENCE SCHOLARSHIP, Informatics Faculty (TU Wien)	2012, 2013
NINTH, FOURTH PLACE, Catalysts Coding Contest (Vienna, Hagenberg)	OCT, DEC 2012
FINALS DANCE, RoboCup Junior - Singapore	JUN 2010
NEWCOMER AWARD, FINALS DANCE, RoboCup Junior - Graz	JUN 2009

VOLUNTEER EXPERIENCE

PRESENTER AT Lange Nacht der Forschung PRESENTED WORK TO PUBLIC AT THE SCIENCE COMMUNICATION EVENT: THE LONG THE NIGHT OF RESEARCH.	APR 2018
ORGANIZER AT Model European Union Vienna 2018 CO-ORGANIZED SIMULATION OF EU PARLIAMENT AND COUNCIL WITH ABOUT 116 INTERNATIONAL PARTICIPANTS.	2018
WRITER AT Progress - Magazin der ÖH (AT) WROTE ARTICLES ON EASILY SECURING COMMUNICATION ONLINE AND POLITICS OF ALGORITHMS.	2018
MEMBER OF Standing Committee at European Forum Alpbach Network CURATION OF PROGRAM FOR MORE THAN 700 INTERNATIONAL SCHOLARSHIP HOLDERS AT EUROPEAN FORUM ALPBACH.	2017
CO-ORGANIZER OF Vienna Code Poetry Slam LITERATURE MEETS PROGRAMMING: http://codepoetry.at	2015, 2016, 2017
CO-ORGANIZER OF Devfest Vienna DEVFESTS ARE LARGE-SCALE COMMUNITY EVENTS ORGANIZED BY GOOGLE DEVELOPER GROUPS, http://devfest.at	2013, 2014
CO-ORGANIZER OF Seminar on "Construction of Gender" AT Tutoriumprojekt (AT) THE SEMINAR WAS OPEN TO ALL TU WIEN STUDENTS AND HAD A FOCUS ON (DE-) CONSTRUCTION OF GENDER.	NOV 2013
ELECTED MEMBER OF THE STUDENT COUNCIL AT Faculty of Informatics, TU Wien (AT) ORGANIZER OF VARIOUS EVENTS, E.G. MASTER'S GET TOGETHER, SEVERAL TALKS AT TU WIEN. INTRODUCE STUDENTS TO UNIVERSITY, ATTENDANCE OF SEVERAL INTERNATIONAL CONFERENCES.	JUL 2013 - JUN 2015
STUDENT VOLUNTEER AT International Conference on Agile Software Development	JUN 2013
ORGANIZER/SPEAKER OF "HTL, WHAT'S NEXT?" AT HTL Wiener Neustadt (AT) TALK SERIES BY ALUMNI OF HTL WIENER NEUSTADT ABOUT CAREERS AFTER GRADUATION.	MAY 2013
MEMBER OF JSUG/JUGAT Organizers Team AT TU Wien (AT) A JAVA USER GROUP AT TU WIEN WHICH ORGANIZES SEVERAL ACTIVITIES ON CAMPUS.	FEB 2013 - FEB 2015
MEMBER OF VARIOUS COMMITTEES AT Faculty of Informatics, TU Wien (AT) FACULTY COUNCIL, CURRICULA BOARD, COMMITTEE FOR THE FACULTY ROAD MAP 2016-18, SEVERAL APPOINTMENT COMMITTEES FOR PROFESSORS AND HABILITATION COMMITTEES.	JUL 2011 - JUL 2017
FOUNDING MEMBER OF F-WuTs AT HTL Wiener Neustadt (AT) ASSOCIATION PROMOTING SCIENCE AND TECHNOLOGY IN SCHOOLS: http://www.robo4you.at	JUL 2010 - NOW

TALKS

ALGORITHMIC FAIRNESS, Privacy Week 2017	OCT 2017
THE POLITICS OF ALGORITHMS, The Big Data Game, Steyr	NOV 2016
GOVERNING ALGORITHMS MADE IN AUSTRIA, Privacy Week 2016	OCT 2016
SCALABLE DATA ANALYSIS WITH SPARK, Devfest Vienna 2014	OCT 2014
LIBGDx - ANDROID GAME DEVELOPMENT, Google Developer Group Vienna	FEB 2012
GETTING REAL (37SIGNALS),LIFT FRAMEWORK, Java Student User Group Meeting	NOV 2010, JUN 2011