

Tim Kreutz

Curriculum Vitae



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Education

Master of Arts - Information Science, University of Groningen, . **2015–2017**

Honours Bachelor, *University of Groningen*, 8.0. **2013–2015**

The Honours College is open to students who excel in their regular programs. It offers workshops that help to develop students' debating, writing and collaborating qualities and aims to further deepen and broaden the knowledge offered by their regular studies.

Bachelor of Arts - Information Science, *University of Groningen*, 8.0. **2012–2015**

The BA Information Science combines basics of communication, computer science and linguistics. There is a heavy focus on using big textual data for a range of purposes including contextual similarity extraction for words, trend detection, and information retrieval.

Bachelor of Science - Sociology, *Erasmus University*, Rotterdam, . **2009–2014**

VWO - Economy and Society, *Christelijk Lyceum Delft*, . **2002–2009**

Published

Research paper

title: *Catching Events in the Twitter Stream*

authors: T. J. (Tim) Kreutz, M. (Malvina) Nissim

description: A group of bachelor students in information science at the University of Groningen applied off-the-shelf tools to the detection of events on Twitter, focusing on Dutch. Systems were built in four socially relevant areas: sports, emergencies, local life, and news

title: *GronUP: Groningen User Profiling*

authors: M. (Mart) Busger Op Vollenbroek, T. (Talvany) Carlotto, T.J. (Tim) Kreutz, M. (Maria) Medvedeva, C. (Chris) Pool, J. (Johannes) Bjerva, H. (Hessel) Haagsma and M. (Malvina) Nissim

description: A report on the CLEF 2016 Author Profiling shared task.

Bachelor Thesis

title: *Detecting News Event Commentary*

supervisors: prof. dr. J. (Johan) Bos, M. (Malvina) Nissim

description: Access to vast amounts of unstructured digital data can shed new lights on existing problems. Combining traditional news media with social media can lead to more rapid news updates. Looking at Twitter specifically, tweets about news events reflect the public opinion. Techniques are reviewed for detecting relevant commentary on Twitter for a given news article. To deal with the size of the data, a bimodular approach is proposed. This approach is demonstrated on the NieuwsTwits website which selects relevant tweets for news articles in real-time.

Experience

Vocational

Developer, Belsimpel. **2016–current**

After my Data Science Analytics internship at Groningen's largest webshop, I stayed on with its development team. Specifically, I am concerned with the ways we couple phones with the best possible accessories.

Teaching Assistant, University of Groningen. **2013–2016**

I am a TA for all Python programming courses in the first year curriculum of Information Science in Groningen. There are four courses: Introduction to Programming I, Introduction to Programming II, Advanced Programming and Project Text Analysis.

Miscellaneous

Commissioner External Affairs, Study Association **2014–2015**
ASCI, Groningen.

As a Commissioner External Affairs of the 2014-2015 board, I was responsible for the communication with organizations outside of the University. The main focus was getting in contact with interesting companies and people to give lectures, workshops and demonstrations, organizing study related activities and acquire funds for the association.

Lead Developer, Gemeente Leiderdorp. **2014**

In a project to engage citizens with Leiderdorp, I designed and developed a SIMCITY-like game for the Android operating system.

Student member, Begeleidings- en Aanstellingscommissie **2014**
(BAC).

I was a student member of a committee to determine the suitability of candidates for the position of University Lecturer.

Languages

Dutch: Native proficiency

English: Full professional proficiency

German: Limited working proficiency

Computer skills

Advanced documents: LaTeX

Programming: Python

Statistics: SPSS, R

Web development: HTML, CSS, Javascript, PHP, Jekyll, Django

Interests

Guitar: Off and on for 9 years now.

Baseball: Both watching and playing.