

# Curriculum Vitae

**Karsten Jeschkies**

Schulstraße 2

48149 Münster, Germany

0176 / 61161517

[jeskar@web.de](mailto:jeskar@web.de)

<http://www.blackmagiclabs.com/portfolio/>

## Personal Details

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Name: Karsten Johannes Artur Jeschkies

Birthday: 08.08.1986

Nationality: German

## Education

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2006 – 2013

Westfälische Wilhelms-Universität

Münster, Germany

- 2013: **Master of Science** in "Computer Science / Informatics"
  - Master's Thesis: "*News Filtering Based on Intrinsic User Feedback and a Modified ESA Model*" (Excellent)
  - Special Interests:
    - Computer Vision, Pattern Recognition
    - Natural Language Processing
    - Artificial Intelligence
- 2010: **Bachelor of Science** in "Computer Science / Informatics"
  - Bachelor's Thesis: "*Offline BRDF Computation for Microscale Volumes*" (Excellent)
  - Special Interests:
    - Visualization, Computer Graphics
    - Computer Vision, Pattern Recognition
    - Minor: English Linguistics, Sociolinguistics
- 2009: **Bachelor of Arts** in "Philosophy"
  - Bachelor Thesis: "*Das Dilemma zwischen der Pflicht zum militärischem Menschenrechtsschutz und dem Verbot von Gewalt am Beispiel von humanitären Interventionen.*"<sup>1</sup>
  - Special Interests:
    - Wittgenstein's Philosophy of Language
    - Political Philosophy
    - Ethics
- 2007: Switch from Physics to Computer Science with English as Minor
- 2006: Matriculation at Westfälische Wilhelms-Universität for Philosophy and Physics

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<sup>1</sup> "The dilemma between the duty of military protection of human rights and the prohibition of violence using the example of humanitarian interventions"

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|------------------------------------------------------------------|------------------------|-----------------------|
| 1999 – 2006                                                      | Gymnasium Warstade     | Hemmoor, Germany      |
| <ul style="list-style-type: none"> <li>• 2006: Abitur</li> </ul> |                        |                       |
| 2003 – 2004                                                      | New Bremen High School | New Bremen, Ohio, USA |

## Work Experience

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| 15.09.2011 – 01.11.2012                                                                                                                                                                                                                                                                                                      | Universitäts Klinikum Münster    | Münster, Germany  |
| <ul style="list-style-type: none"> <li>• Contact: Fleur Fritz, Fleur.Fritz@ukmuenster.de</li> <li>• Duty: Build the National Pruritus Database</li> </ul>                                                                                                                                                                    |                                  |                   |
| 01.07.2002 – April 2010                                                                                                                                                                                                                                                                                                      | Z-Software GmbH                  | Dortmund, Germany |
| <ul style="list-style-type: none"> <li>• Z-Software is a computer game development company I co-founded.</li> <li>• Contact: Andreas Heldt, Joseph-von-Fraunhofer Str. 20, 44227 Dortmund, Germany, andreasheldt@z-software.net</li> <li>• Duty: Create tools for artists and designers in cooperation with them.</li> </ul> |                                  |                   |
| February – March 2008                                                                                                                                                                                                                                                                                                        | Software Lab (at the university) | Münster, Germany  |
| <ul style="list-style-type: none"> <li>• Contact: Prof. Dr. Markus Müller-Olm, Einsteinstr. 62, 48149 Münster, Germany</li> <li>• Duty: Create the underlining structure of a restaurant table schedule software</li> </ul>                                                                                                  |                                  |                   |

## Skills, Interests and Achievements

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### Foreign Languages

- English: fluent
- Latin: "Großes Latinum"
- Spanish: 1 ½ years (42 points on C-Test)
- Danish: ½ year

### Publications

- Jaquet, Ph., Jeschkies, K., Budeus, B., Hinrichs, K.: „We are now here – Location Based Social Services“ auf dem Workshop „Hyperkult 19“, Juli 2010, Lüneburg

### Further Education

- Law lecture by Prof. Dr. Thomas Hoeren on Copyright
- Seminar "Rechtsfragen bei Google"<sup>2</sup> by Prof. Dr. Hoeren, Prof. Dr. Dreier, Dr. Haller at Google Germany

### Activities

- Work on the documentary "A Picture of War": <http://www.apictureofwar.org>

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<sup>2</sup> "Judical Subjects at Google"

- Playing soccer since the age of 5. Also: Swimming, Tennis, Badminton
- Playing the drums in a Noise-Rock band
- Shooting pictures with DianaF+ camera
- Writing, directing and producing short films with artistic special effects using Adobe After Effects
  - 2007 Short: "Wildwechsel" <http://www.vimeo.com/9528515>
- Visiting music festivals

## Experiences

- Programming Languages and Frameworks
  - Python (incl. Google App Engine, gensim, Scipy, Numpy)
  - C/C++ (incl. Boost, Windows API)
  - Java
  - PHP (incl. CakePHP)
  - C# (incl. XNA)
  - OpenCL
- Experiences in building a news crawler and filtering system with Ruby and Python and AWS EC2 instances.
- Experiences with XMPP: Implementation of a location based social network based on top of XMPP with the help of the Twisted Python framework.
- Experiences with Google App Engine: Implementation of a semantic translation machine with the help of Wikipedia language links.