

# Philipp Waack

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## Ausbildung

- 2016–2019 **Master of Science; Computer science**, *Humboldt Universität zu Berlin*, Mark: 1,9.  
Master thesis: *Empirical study about the influence of social dimensions on the SCHUFA-Score*
- 2012–2017 **Bachelor of Science; Media and computer science**, *Technische Universität Dresden*, Mark: 2,6.  
Bachelorarbeit: *Benutzbarkeitskonzept für VPN-basierte Anonymisierung mobiler Geräte*
- 2002–2011 **Abitur; General matriculation standard**, *Gymnasium Willhöden, Stadtteilschule Blankenese Framstraße*, Hamburg, Mark: 2,5.

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## Work experience

- 12/19–05/21 **Data Governance Expert**, *acs-plus*, Berlin.  
Focus on the link between Data Science, Data Engineering and the topic of Data Governance.
- 10/17–10/19 **Student assistant**, *acs-plus*, Berlin, Data Scientist.  
Support and autonomous accomplishment of data analysis and data modeling as well as implementation of applications to visualize and access data.
- 04/16–09/16 **Student assistant**, *Zentrum für Informationsdienste und Hochleistungsrechnen (ZIH) an der Technischen Universität Dresden*, Dresden, Redakteur.  
Creation of editorial content and technical instructions for the Content Management System of the ZIH at the Technischen Universität Dresden.

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## Internship and side jobs

- 03/14–06/14 **Praktikum**, *surfcamp las palmas.com*, Las Palmas de Gran Canaria, Web Content Manager, SEO-Optimization.  
Emphasis on writing search engine optimized blog posts about surfing.
- 03/12–09/12 **Various side jobs**, *Edeka*, *Firma Schachtrupp*, *architecture firm Störmer Murphy and Partners*, Hamburg, temporary job.
- 01/12–02/12 **Internship**, *Hamburger Abendblatt*, Hamburg, Journalist.  
Internship with emphasis on autonomous local journalistic work in the district Bergedorf for the web presence of daily newspaper *Hamburger Abendblatt*.
- 11/11–01/12 **Internship**, *Elbe Wochenblatt*, Hamburg, Editor.  
Research and creation of reports and stories for a local newspaper based in Hamburg.
- 08/11–10/11 **Internship**, *Infected Postproduction*, Hamburg, Audio-visual media designer.  
Emphasis on cutting and post-production of commercials.

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## Voluntary work and further training

- 09/19–10/19 **Seminar**, *Journalistisches Arbeiten*, Berlin.  
Seminar with a focus on methods and rules for journalistic writing. Research and creation of a reportage.
- 09/17–10/17 **Seminar**, *Storytelling in Werbung, Journalismus und Politik*, Berlin.  
Seminar with an emphasis on different storytelling techniques and dramaturgic basics (e.g. character development and the hero's journey). Development and presentation of a story.
- 02/17–02/19 **Voluntary**, *Art project web residency: x-temporary.org*, Berlin, Webdesign.  
Digital residency for artists. Development of a website and technical support for artists.
- 04/15–09/16 **Voluntary**, *Student newspaper a d rem*, Dresden, Journalist.  
Research and creation of journalistic reports about technical and digital topics, higher education policies and events. Director of the technical department.
- 08/15–04/16 **Voluntary**, *Web applikation afeefa.de*, Dresden, Webdesign, Ruby-on-Rails Developer.  
Development of a digital platform for offers and participation for refugees.

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## Languages

German	Native language
English	Good knowledge
Spanish	Basic knowledge

## Technical knowledge

Operating Systems:	Windows, macOS, Linux/Ubuntu
Office applications:	openOffice/LibreOffice/Office, PowerPoint, $\text{\LaTeX}$
Programming languages:	C#, Java, C++, C
Scripting languages:	Python, R, Ruby, bash scripting
Database languages:	SQL Server, MariaDB, PostgreSQL, MongoDB
Game engines:	Unity, MonoGame
Web languages:	HTML, CSS, JavaScript/jQuery, PHP
Web frameworks:	Flask, Jinja, Bootstrap, React, express.js
Technologies:	Git, Visual Studio Code, Apache, Nginx
Web CMS:	Plone, Wordpress
Concept & Collab Tools:	Figma, Miro
Image-processing:	Basic knowledge (Gimp, Inkscape)

Berlin, 6. Juni 2022