

# MARTIN HOFFMANN

redacted.jpg

[redacted] · [redacted]

[redacted] · [redacted] · <http://martinhoffmann.me>

## EDUCATION

### University of California, Santa Cruz

September 2018 - April 2019

UCEAP exchange program participant  
PROMOS scholarship fellow

### Humboldt Universität zu Berlin

October 2016 - July 2020

B.Sc. Computer Science (final grade: 2.0)

Thesis: *Analysing Doctors' Notes Using Machine Learning to Predict Medical Scores in Intensive Care Patients*

Member of *Studenten-Initiative Adlershof e.V.* (<https://studenten-initiative.berlin>)

Founding member and volunteer phone counsellor at *Nightline Berlin e.V.* (<https://nightline.berlin>)

## EXPERIENCE

### Charité Berlin, AG Data Science in Perioperative Care

November 2019 - today

*Research assistant*

*Berlin, Germany*

- Analyzed effects of care quality on patient outcome in intensive care units using R
- Built web scraping pipelines to automatically measure user satisfaction of mobile health applications
- Contributed to a study exploring measures to reduce alarm fatigue in ICUs

### SoBA lab at the University of Glasgow

July 2019 - October 2019

*Research Intern*

*Glasgow, United Kingdom*

- Contributed to a study analyzing empathy towards a robot (Cozmo, Anki) before and after social interactions between participants and robot
- Designed, developed and evaluated an online experiment for classifying emotions displayed by robots (<https://github.com/cozmo4hri/emotion-classification>)
- Worked on a systematic literature review on how social robots can facilitate social learning in individuals suffering from autism spectrum disorders

### Blindside HB GmbH

November 2017 - September 2018

*Founding Member and Full Stack Developer*

*Berlin, Germany*

- Worked on all aspects of the development of a new, innovative web application in Django
- Led the frontend development team of the company and helped establish effective communications between developers and designers

### tridion AM GmbH

December 2015 - July 2016

*Frontend Web Developer*

*Berlin, Germany*

### asis Soft- und Hardware GmbH

September 17. 2012 - September 28. 2012

*Software Development Intern*

*Berlin, Germany*

## TECHNICAL STRENGTHS & LANGUAGES

### Languages

German (native speaker), English (fluent, TOEFL iBT: 113)

### Programming languages

C, Dart, Java, JavaScript, PHP, Python, R

### Web development

HTML5, CSS, Django, React, Svelte

### Misc. software

Git, scikit-learn,  $\text{\LaTeX}$ , SQL, Scrapy