

MARTIN HOFFMANN

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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, Brain Simulation Section

November 2021 - today

Research Assistant

Berlin, Germany

- Contributed to a data pipeline to automate defacing of brain MRIs

Charité Berlin, AG Data Science in Perioperative Care

November 2019 - June 2021

Student 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 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

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, \LaTeX , SQL, Scrapy