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