

Elora Schoerverth

Education

Technische Universität Berlin / M.Sc. Computer Science

October 2020 - July 2023 (Excepted), BERLIN

+ Current German GPA: 1.5

+ Relevant coursework: Machine Intelligence, Image Processing, Models of Higher Brain Functions, Cloud Computing, Optimization Algorithms

Technische Universität Berlin / B.Sc. Computer Science & Media

October 2017 - September 2020, BERLIN

+ German GPA: 1.9

+ Relevant coursework: Algorithms & Data Structures, Calculus and Linear Algebra, Complexity Theory, Computer Vision, Software Engineering

+ Thesis: Development of a web application for supervising the development of Parkinson's disease in patients

Experience

Working Student / AI Department at Fraunhofer HHI

October 2020 - Present, BERLIN

+ Leading the development of an *assessment platform for ML in health* for the ITU/WHO focus group AI4H

+ Backend development and audit design for ML models

+ Diabetic retinopathy detection as main use case

+ Leading group of five student developers

+ Technologies used: Python, Django, AWS, Docker, AngularJS

Software Engineering Intern / Condat AG

March 2019 - August 2019, Berlin

+ Development of a *search application backup system*

+ Designed and implemented UI for backup system

+ Technologies used: Java, Spring Boot, JavaScript, HTML, CSS, Bash

Publications

Oala, L., Murchison, A.G., Schoerverth, E. et al. Machine Learning for Health: Algorithm Auditing & Quality Control. J Med Syst 45, 105 (2021).
<https://doi.org/10.1007/s10916-021-01783-y>

Public Speaking

October 2021

Bundesverband Managed Care e.V. - "Prüfung von KI-Modellen in der Medizin"

Skills

Programming Languages: Python, Java, Bash, JavaScript

Frameworks: Django, React, Angular

DS Libraries: PyTorch, OpenCV, Skikit, Sklearn, Numpy, Matplotlib

Languages: German, English, French