






# Magnus Berg Sletfjerding

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## Education

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<b>University of Copenhagen</b>	<b>Copenhagen, Denmark</b>
<i>M.Sc. Nanoscience</i>	GPA: 10.9
<b>Exchange Semester:</b> Sino-Danish Center, University of Chinese Academy of Sciences, Beijing, 2018	2018–2022
<b>Coursework:</b> Advanced Methods in Applied Statistics, Physics of Biological Nonequilibrium Systems	
<b>Thesis:</b> Generative Modelling of Sequential Data	<b>Grade: 12</b>
<b>University of Copenhagen</b>	<b>Copenhagen, Denmark</b>
<i>B.Sc. Nanoscience</i>	GPA: 8.8
<b>Coursework:</b> Electromagnetism, Thermodynamics, Quantum Mechanics, Statistics/Probability	2015–2018
<b>Thesis:</b> Barcoding of subresolution particles in a single-particle regime	<b>Grade: 12</b>

## Experience

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<b>Corti.ai</b>	<b>Copenhagen, Denmark</b>
<i>Machine Learning Associate</i>	Apr 2022–Present
<ul style="list-style-type: none"><li>– Co-own the technology stack related to data science and machine learning.</li><li>– Disseminate and visualise results of big data statistics, natural language processing, and engineering-related tasks.</li></ul>	
<b>Corti.ai</b>	<b>Copenhagen, Denmark</b>
<i>Machine Learning Intern</i>	Aug 2020–Mar 2021
<ul style="list-style-type: none"><li>– Building REST-APIs for SQL and NoSQL (MongoDB, Elasticsearch) databases w/Azure Functions.</li><li>– Develop and deploy machine-learning models for real-time NLP tasks using Docker and TensorFlow.</li><li>– Improved data upload pipeline to pSQL databases by 98%.</li></ul>	
<b>Hatzakis Lab, University of Copenhagen</b>	<b>Frederiksberg, Denmark</b>
<i>3+5 PhD Student</i>	Feb 2019–Apr 2021
<ul style="list-style-type: none"><li>– Automating data analysis of smFRET traces in DeepFRET.</li><li>– Simulation of CYPOR conformational dynamics.</li><li>– Statistical analyses of multiplexed liposome assays in SPARCLD.</li></ul>	


## Extra-Curriculars


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<b>Nørrebro Klatreklub</b> Webmaster, Board Member	2020-2022
<b>European Youth Parliament Denmark</b> Co-Founder, Board President, Treasurer, Accountant, Trainer	2016-2020
<b>European Youth Parliament Denmark</b> Chairperson, Journalist, Media Team Editor	2014-2017
<b>Norw. Soc. for Graduate Technical and Scientific Professionals</b> Head of Copenhagen	2019-2021
<b>Association of Norwegian Students Abroad</b> Student Contact	2015-2018
<b>Hørhus Kollegiet</b> Board Member, Bar Committee Chairman, Sauna Committee Chairman	2015-2019

## Skills

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 **Expert:** Python (Pandas, Tensorflow, PyTorch, FastAPI, gRPC), Azure/AWS, Latex, Git/Terminal, VSCode/IntelliJ, Data Analysis/Visualization


 **Proficient:** SQL, HTML, CSS, Dart/Flutter, Firebase, Organizational Development


 **Novice** Android Studio, JavaScript (React), Typescript, MATLAB

## Languages

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 **Native/Bilingual** : English, Danish, Norwegian

 **Proficient** : Spanish

 **Novice** : Mandarin