



Arne Bechensteen

Ph.D. student in Signal Processing



About me

I am a Ph.D. student specializing in **image** and **signal processing**. **Trilingual** and with a multinational background, I am always striving to develop my knowledge in **applied mathematics**.



Experience



Ph.D. Student 2017 - 2020
at the Morpheme team (CNRS, INRIA)
Sparse optimization and biological image processing.



Teacher assistant 2017 - 2020
at Polytech Sophia Antipolis
Teach graduates students in classes such as Image processing, Applied AI and Advanced Machine Learning. We analyzed natural, medical and satellite images.



Research assistant 2016
at Technical University of Denmark.
Image processing on multispectral images.



Research assistant 2013 - 2015
at Norwegian Defence Research establishment
I have had a two months internship each year. I worked on Radar frequency analyzing, High-speed video analyzing, and 3D scanning.



Education



2012-2017
**Institut National des sciences appliquées
Toulouse.**
Mathematical and modeling engineering



2016
Universität Hamburg
Exchange student. Modelling and simulations of complex systems

CONTACT



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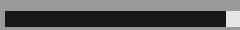
arnebechen@gmail.com



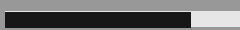
<https://abechens.github.io>

Tools

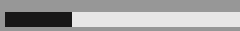
MATLAB



Python



C



Languages



Norwegian



French



English



German

Papers in journals



"A continuous relaxation of the constrained $l_2 - l_0$ problem" – To be published in Journal of Mathematical Imaging and Vision



"New l_2 - l_0 algorithm for single-molecule localization microscopy. Biomedical Optics Express 11(2) 2020

Passions

