

# Jon-Magnus Rosenblad

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## Education

2019 – now	University of Oslo, Bachelor's of Mathematics and Informatics
2016 – 2019	Valler vgs

## Work experience

Jan 2020 – now	<b>Oliasoft</b> , Lysaker, Mathematician Working on numerical optimization, computational geometry, and coordinate reference systems.
Sep 2019 – Mar 2020	<b>University Center for Information Technology</b> , Oslo, Junior Engineer App development with React Native.
Jul 2019 – Aug 2019	<b>Simula Research Laboratory</b> , Fornebu, Summer internship Machine learning using convolutional neural network with temporal aggregation for regression on video data. Volunteering as research assistant (Jan 2019 – Oct 2019).

## Publications

“Using 2D and 3D Convolutional Neural Networks to Predict Semen Quality” J. Rosenblad, S. Hicks, H. K. Stensland, T. B. Haugen, P. Halvorsen, M. Riegler CEUR Workshop Proceedings - Multimedia Benchmark Workshop (MediaEval), Sophia Antipolis, France, October 2019

## Achievements

2019	International Olympiad in Informatics, bronze medal Baltic Olympiad in Informatics, participation Norwegian Informatics Olympiad, 3rd place Abel competition, 6th place Norwegian Physics Olympiad, finalist Norwegian Chemistry Olympiad, final qualifier
2018	International Olympiad in informatics, participation Baltic Olympiad in Informatics, participation Norwegian Informatics Olympiad, 3rd place