



Forsidetittel

Undertittel

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I am a physicist and software developer, and attained my Ph.D. in astroparticle physics at the University of Oslo in 2015. My Ph.D. work has involved large amounts of numerical simulations and software development, including parallelized programming and use of supercomputers. From my background in theoretical physics, I have excellent analytical skills, and I can quickly adapt to new problems. My main fields of expertise are physics, scientific computing, mathematics, and programming. My primary programming expertise lies in C/C++ and Python, but I am also adept with a number of other programming languages, and can quickly pick up new ones. I am also very interested in game development and computer graphics, and have gained experience and much knowledge of these fields through personal hobby projects.

Ph.D. in mathematics at the University of Oslo with focus on probability and uncertainty quantification. My research interest is anything related to Bayesian theory, geo-statistics, graphical models, machine learning, and language parsing. I have professional experience as a software developer from Simula Research Center, Norway's highest ranked ICT research institution. My programming skills include most things related to the Python ecosystem, which I have written a few software packages for. I am also familiar with other languages, like C++, Matlab and R, and I can adapt beyond this. I have extensive experience as a teacher from institution as the University of Oslo, Smerud Medical Research and House of Math.

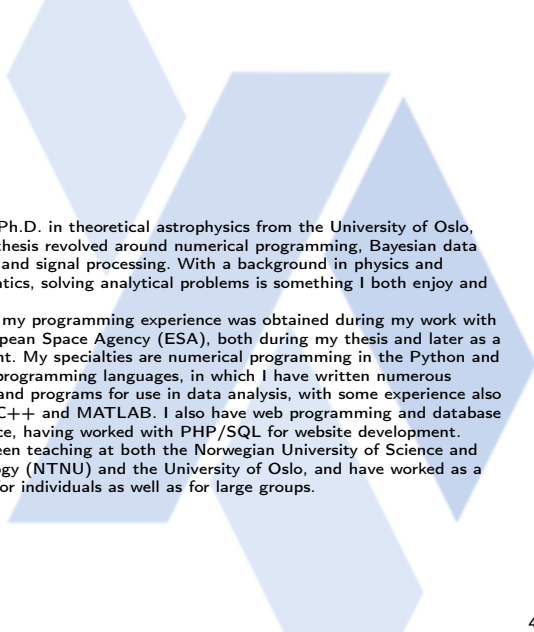


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Ph.D. in theoretical astrophysics from the University of Oslo, thesis revolved around numerical programming, Bayesian data analysis and signal processing. With a background in physics and mathematics, solving analytical problems is something I both enjoy and excel at.

My programming experience was obtained during my work with the European Space Agency (ESA), both during my thesis and later as a postdoc. My specialties are numerical programming in the Python and C++ programming languages, in which I have written numerous scripts and programs for use in data analysis, with some experience also in MATLAB. I also have web programming and database experience, having worked with PHP/SQL for website development. I have been teaching at both the Norwegian University of Science and Technology (NTNU) and the University of Oslo, and have worked as a tutor for individuals as well as for large groups.



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