martin**madsen**
graduate student of computer science

about
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Denmark

23 years old
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martinbmadsen.dk
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languages
bilingual danish/english
IELTS score: 8.0

programming
Python (Numpy,
Pandas, Scikit-learn)
Ruby, JavaScript
C, C♯, Java
SQL
LaTeX, HTML, CSS
Git, SVN
Haskell (learning)
Agile methods
OS X, Unix

interests
machine learning
TDD, functional
programming
web development
healthcare
automotive industry

education

since 2014	**M.Sc.** in Computer Science Majoring in Computer Science (120 ECTS) Specializing in Machine Intelligence	Aalborg University (AAU), Denmark
2014-2015	**Studying abroad** Accredited as part of the first year of my master's degree from Aalborg University	University of California, San Diego
2011-2014	**B.Sc.** in Computer Science Majoring in Computer Science (180 ECTS)	Aalborg University (AAU), Denmark
2008-2011	**Student** Focus in physics and engineering	EUC Nord - Technical Gymnasium of Hjørring

experience

2012-2014	**Student Software Developer** Development of Ruby on Rails-based system used daily by ca. 40 of Falck's physiotherapists to journal their patients' treatments and wellbeing.	Falck Healthcare a/s
2010-2014	**Founder** Ran my own small company developing and hosting web sites for clients.	Divambu (shut down)

other activities

2013-2014	**Student member of the Study Board** Elected position. Handling of educations within Computer Science curricula at the university, quality assurance of education, handling of exemptions, etc.	Aalborg University (AAU), Denmark
2012-2014	**Volunteer mentor** We arranged bi-monthly social gatherings for teenagers aged 15-18, most of who were second generation immigrants.	Projekt Solskinsunge 2012

projects

2015	**XQuery Processor** Implemented a subset of the XQuery and XPath XML query languages in Java.	UC San Diego, / martinbjeldbak/xquery-processor
2014	**Diversity Measurement in Genetic Algorithms** Concluded my B.Sc. degree. Currently in the process of getting published.	AAU, martinbmadsen.dk/bachelor.pdf
2014	**OpenTracker** Rails app and corresponding Python plugin for the racing simulator video game Assetto Corsa, allowing anyone to view location and information of racers on track in real-time.	/ martinbjeldbak/openTrackerAPI

…and many others! I contribute as much as I can to open source and work on other projects for fun. For more examples, feel free to check out my GitHub profile linked above.