

martinmadsen

software developer

about

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24 years old
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languages

bilingual danish/english
IELTS score: 8.0

programming

Ruby on Rails
JavaScript
Python (Numpy,
Pandas, Scikit-learn)
C, C#, Java
SQL
L^AT_EX, HTML, CSS
Git, SVN
Haskell (learning)
Agile methods
OS X, Unix

interests

machine learning
TDD, functional
programming
web development
healthcare
automotive industry

experience

- since 2016 **Software Developer** NetEngine
Software developer and consultant, working with clients, building web-based systems across many different industries, from finance to flood mapping.
- 2012-2014 **Student Software Developer** Falck Healthcare a/s
Development of Ruby on Rails-based system used daily by ca. 40 of Falck's physiotherapists to journal their patients' treatments and wellbeing.
- 2010-2014 **Founder** Divambu (shut down)
Ran my own small company developing and hosting web sites for clients.



education

- 2014-2016 **M.Sc.** in Computer Science Aalborg University (AAU), Denmark
Majoring in Computer Science (120 ECTS)
Specializing in Machine Intelligence
- 2014-2015 **Studying abroad** University of California, San Diego
Fully accredited as part of the first year of my master's degree from Aalborg University
- 2011-2014 **B.Sc.** in Computer Science Aalborg University (AAU), Denmark
Majoring in Computer Science (180 ECTS)
- 2008-2011 **Student** EUC Nord - Technical Gymnasium of Hjørring
Focus in physics and engineering

other activities

- 2013-2014 **Student member of the Study Board** Aalborg University (AAU), Denmark
Elected position. Handling of educations within Computer Science curricula at the university, quality assurance of education, handling of exemptions, etc.

projects

- 2015 **XQuery Processor** UC San Diego,  / martinbjeldbak/xquery-processor
Implemented a subset of the XQuery and XPath XML query languages in Java.
- 2016 **A Hierarchical Tree Distance Measure for Classification** martinbjeldbak.com/thesis.pdf
Concluded my M.Sc. degree. Currently in the process of getting published.
- 2014 **OpenTracker**  / martinbjeldbak/openTrackerAPI
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.

...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.