



martinmadsen

software developer, me@martinbjeldbak.com

about

7/56 Hood St
Sherwood 4075
Queensland
Australia

26 years old
+61 413 043 210
martinbjeldbak.com
 / [martinbjeldbak](#)
 / [martinbjeldbak](#)

languages

bilingual Danish/English
IELTS score: 8.5

programming

Ruby on Rails
Heroku, AWS (EC2,
RDS, ECS, S3), SQL
CircleCI, GitHub
Actions
L^AT_EX, HTML, Git
JavaScript (ES6, React)
OS X, Unix

interests

machine learning,
devOps
TDD, functional
programming
service oriented
architecture
web development

experience

- since 2016 **Lead Software Developer, Backend** NetEngine, Brisbane, Australia
Ruby on Rails software developer working with our clients to build web-based systems across many different industries, from finance to flood mapping. I work on setting up infrastructure in AWS using CloudFormation, to building service objects in Rails and avoiding circular dependencies. I also partake in non-technical activities such as business planning, training new backend developers, etc.
- 2012-2014 **Student Software Developer** Falck Healthcare a/s, Aalborg, Denmark
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 (UCSD), USA
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, Denmark
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** University of California, 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. Published in Proceedings of the 6th International Conference on Pattern Recognition Applications and Methods - Volume 1: ICPRAM 2017, pages 502-509

...and many other projects! 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.