



# martinmadsen

software developer, me@martinbjeldbak.com

## about

melbourne  
australia

29 years old  
+61 413 043 210  
martinbjeldbak.com  
 / martinbjeldbak  
 / martinbjeldbak

## languages

bilingual  
Danish/English  
IELTS score: 8.5

## programming

Ruby on Rails  
Golang  
Heroku, AWS (EC2,  
RDS, ECS, S3), SQL  
GitHub Actions  
L<sup>A</sup>T<sub>E</sub>X, HTML, Git  
JavaScript, Python  
OS X, Unix

## interests

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


## experience

- since 2020 **Software Engineer** ANZ Bank, Melbourne, Australia  
Working on ANZ Plus as software engineer embedded in an integration services team. I am responsible for implementing & maintaining DevSecOps pipelines for feature engineers and developing microservices, mainly using GitHub Actions and Golang, respectively.
- 2016–2020 **Lead Software Developer, Backend** NetEngine, Brisbane, Australia  
Ruby on Rails software developer working with consultancy clients to build web-based systems across many different industries, from finance to flood mapping. I worked on setting up infrastructure in AWS to building GraphQL Rails APIs. I also partook in non-technical activities such as business planning, training new backend developers, etc. Clients included Apollo Motorhome Holidays.
- 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.

## 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)

## 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