

# martinmadsen

software developer, me@martinbjeldbak.com

## about

melbourne  
australia

29 years old  
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## 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 (ES6, React)  
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.

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