



# Andre Boechat

## Software Engineer



6 November 1987



Florianópolis, Brazil



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## Skills

Functional Programming



Test Driven Development



Web Development - Backend



Web Development - Frontend



Machine Learning



OPS - Linux



Communication



Ponctuality



## Languages

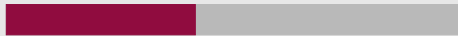
Portuguese



English



French



Spanish



## Summary

I'm a versatile computer engineer and passionate about developing automation solutions, focusing on creating value and reducing costs. For now, I'm very interested in machine learning, web applications and functional programming languages.

## Technologies and Techniques

- Clojure (Clojurescript), Python, Java, Javascript, F#, C, R, Matlab
- Ring, Liberator, Reagent, Django, Aloe
- Spark, Pandas, BoofCV, Caffe
- PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ
- Linux (Debian, Ubuntu), Docker
- Vim, Latex, Git, code review (pull requests), TDD, BDD

## Personal Characteristics

- I learn fast
- I'm always improving myself
- I'm pragmatic, I keep in mind the business value of my work
- I really appreciate to work with great people

## Experience

- |           |   |                       |
|-----------|---|-----------------------|
| 2016      | Brick Abode   | Florianópolis, Brazil |
|           | Development of web applications, server and client sides; OPS. <i>[Python, Javascript, F#, MySQL, Aloe]</i>   |                       |
| 2015-2016 | ITER Telemetry and Tracking   | Remotely              |
|           | Architecture and development of a web application to visualize and monitor tracking devices. The job included the development of a REST API, the system's server and client sides and the necessary OPS. <i>[Clojure, Javascript, MySQL, MongoDB, Docker]</i> |                       |
| 2011-2015 | Neoway Business Solutions   | Florianópolis, Brazil |
|           | Main maintainer of captcha breaking project, the job applied machine learning, image processing and crawlers to get access to public datasets. <i>[Java, Clojure, Python, Redis, RabbitMQ, PostgreSQL]</i>  |                       |

## Education

- |           |   |                             |
|-----------|---|-----------------------------|
| 2015-2016 | Ph.D. candidate, Computer Science [Interrupted]   | Luxembourg                  |
|           | Machine learning and data analysis for detection of non-technical losses in power distribution systems. <i>[Python, R, Spark]</i> |                             |
| 2010-2012 | M.Sc., Automation and Systems Engineering   | UFSC, Florianópolis, Brazil |
|           | Development of data-driven models to monitor the calibration of oil well sensors. <i>[Matlab, C]</i>                              |                             |
| 2005-2010 | B.Sc., Computer Engineering   | UFES, Vitória, Brazil       |
|           | Foundations of computer science, electrical engineering and electronics. <i>[C, Haskell, VHDL, Assembly NASM (8086)]</i>          |                             |

## Habits & Curiosities

- Amateur weight lifter
- Basketball and soccer player
- Gamer
- Reader and (recently) podcast addicted
- Libertarian