Daniel S. Bastos

https://danielsbastos.github.io/ | [LinkedIn](#) | [GitHub](#) | [Lattes](#)

EDUCATION

B.S. in Computer Science   Jan/20 – Current (Expected: Dec/23)
Pontifical Catholic University of Minas Gerais – PUC Minas   *Belo Horizonte, MG*
- Average: 94/100
- Outstanding Student Prize: 1stsemester/21

RESEARCH EXPERIENCE

Automatic Classification of Risk and Priority in Emergency Care   Jan/22 – Current
Granted research scholarship.   *Advisor: Magali Meireles*

A Study of Training Approaches of a Hybrid Summarization Model   Aug/21 – Jan/22
Coauthor. Article in review process.   *Advisor: Magali Meireles*

A Novel Ranking Algorithm for Ordinal Data   Aug/20 – Dec/21
In conjuntion with companies, the algorithm is being validated in real   *Advisor: Luis Zárate*
world HR candidate ranking scenarios.

TEACHING ASSISTANT EXPERIENCE

Databases and Intelligent Systems   Aug/21 – Current
Corrected exercises, quizzes and midterms. Organized independent extra teaching classes for
midterm review. Also answered student doubts.

Calculus II   Jan/21 – Jun/21
Corrected exercises and answered student doubts. This TA lead to my most recent research
scholarship.

WORK EXPERIENCE

Software Engineer   Jan/22 – Current
Kusama   *Remote. Freelance*
Developing the website for the Kusama Society, a static app built with React and Typescript that
connects to the Kusama blockchain.

Software Engineer   Dec/20 – Nov/21
Magrathea Labs   *Remote. Part-Time*
Worked on two main clients:
- US healthcare tech startup client with RoR, React and GraphQL;
- Biggest inbound marketing company in Latin America. We developed a predictive sending feature
with the intent of finding the best time to send emails.

Software Engineer and Consultant   Jan/20 – Nov/20
ThoughtWorks   *Belo Horizonte, MG. Full-Time*
- Built digital solutions to decrease transit time of products bought in the client's e-commerce.
Dealt with backend and infrastructure tasks, which included API building, authenticating with
Amazon Cognito, provisioning pipelines in Jenkins, and so on;
- Programmed in Clojure in non-client projects with other ThoughtWorkers with the intent of
self-learning and improvement.

Software Engineer Jun/17 – Dec/19
Magrathea Labs *Joinville, SC. Full-Time*
   • Worked as a backend software engineer. Built web applications with Ruby on Rails with PostgreSQL and Redis;
   • Worked with event sourcing, using Google PubSub, for real time processing. Some databases present were ElasticSearch, Redis and Google BigTable.

Volunteer Experience

Software Engineer Feb/19 – Jan/21
TODXS *Remote*
Improved our already existing bot, Tê, by adding NLP with Dialogflow. With geolocalization, we showed state-scoped places where users could find help in case of LGBTphobia.

Organization Member Oct/19
Python Brazil Conference *Ribeirão Preto, SP*

Organization Member Nov/17 – Dec/19
Python and Ruby Joinville Meetup *Joinville, SC*

Mentor Nov/17 – Dec/19
Rails Girls, Code Like a Girl and PyLadies *Joinville, SC*

Complementary Education

Introduction to Probability Theory Jan/21
University of São Paulo – USP *São Paulo, SP*

Certificates

AWS Certified Developer - Associate Oct/18 – Oct/21
Amazon Web Services