

# Tiago Henrique Costa Alves

🌐 tiagohca.com

✉ tiagohcalves@gmail.com

📱 tiagohcalves

☎ 31 975345587

## ABOUT ME

---

I'm a Master in Computer Science by the Federal University of Minas Gerais (UFMG) with focus in Deep Learning, and a Data Scientist at Kunumi where I have been working with applied machine learning.

In my Masters I have studied Information Retrieval, Recommender Systems, Data Visualization and Machine Learning. As a Data Scientist I was able to work in the back-end of a news crawler and monitoring software, bank credit scoring and medical assistance models. I'm also motivated by challenges and believe that a new problem is always an opportunity to discover new solutions. While in college, I studied abroad for a year, in the University of Roma Tre, in Italy.

Professionally, I aim to become a personal and technical reference for my colleagues and those who are beginning in the field, while also positively impacting as many people as possible with my work.

## EDUCATION

---

**Universidade Federal de Minas Gerais**

*Master in Computer Science*

**Belo Horizonte, MG**

*February 2017*

- Thesis: Dynamic Prediction of ICU Mortality Risk Using Domain Adaptation
- Fields of Study: Deep Learning, Artificial Intelligence, Information Retrieval, Recommender Systems

**CEFET-MG**

*B.E. Degree in Computer Engineering*

**Belo Horizonte, MG**

*December 2015*

**Università degli Studi di Roma Tre**

*Exchange Student*

**Belo Horizonte, MG**

*Aug 2013 - Jul 2014*

## EXPERIENCE

---

**Kunumi**

*Data Scientist*

**Belo Horizonte, MG**

*July 2016 - Present*

- Data Scientist and Machine Learning Engineer, with a broad range of activities, from understanding the client's data and mining relevant information, to developing predictive models and delivering integrated software

**Sydle**

*Software Engineer*

**Belo Horizonte, MG**

*January 2016 - July 2016*

- Full-stack developer at a job search engine, applying technologies such as C#, .Net, AngularJS and ElasticSearch, along with HTML, JavaScript and CSS under a SCRUM methodology

**Sydle**

*Trainee*

**Belo Horizonte, MG**

*January 2015 - January 2016*

- Full-stack developer at a job search engine, applying technologies such as C#, .Net, AngularJS and ElasticSearch, along with HTML, JavaScript and CSS under a SCRUM methodology

## SKILLS

---

- Python for Data Science (Pandas, NumPy, Sckit-learn, Keras, etc)
- Information Retrieval (Crawling, scrapping, indexing, search engines)
- C# and .NET
- Statistical Learning (Gradient Boosting, SVM, Decision Trees, etc) and Deep Learning (MLP, CNN, LSTM, etc)
- Relational Databases (MySQL, SQLServer, Oracle) and NoSQL (ElasticSearch, DynamoDB)
- Software Development (Software structure, micro-services, SCRUM, etc)

## LANGUAGES

---

- Portuguese (Native)
- English (TOEFL 2013 - 96/120 and TOEFL IPT 2016 - C1)
- Italian (Italian Course at Rome - B2)