

# Hi! I'm Matheus Freitag

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## Education

- **IF-Sul Pelotas** (Pelotas, RS, **Brazil**): Technical Studies in Electronics and High School.
- **Alamo Colleges** (San Antonio, TX, **USA**): English as a second language and Entrepreneurship.
- **College of Charleston** (Charleston, SC, **USA**): Junior Year of Computer Science.
- **Federal University of Pelotas** (Pelotas, RS, **Brazil**): Major in Computer Science.

## Skills

- **Software Development:** As a developer and a Computer Scientist, I have a fascination on how to use the best algorithms and data structures for a given task. I am able to understand challenges' context and come up with a good solution that is efficient and well suited for the occasion. With this knowledge I am capable of deploying products with good user experience, scalability and with great value for companies.
- **Machine Learning and Data Visualization:** Data Science is a passion for me and I like to use machine learning and data visualization techniques to extract, empower and deliver solutions with insights from data. I know how to use popular libraries such as SciKit-Learn, Pytorch, Pandas and Numpy, which allows me to prototype, test and deploy models in production to enrich users' needs, companies and data pipelines.
- **Web Development:** Mastering HTML, CSS and JavaScript, I was able to create many products, like Chrome extensions, websites, chatbots, image processing generators and smaller projects as proof of concept. Although I am used to work with VueJS, NodeJS and Sass, I have no problems in learning new frameworks and technologies to improve my productivity and to adapt to the pipeline preferred by my team.

## Experience

- **Loyola University in Chicago** (Chicago, IL. 2016): In my summer job at Loyola University, I was assigned to develop a system to manage the university's scientific production. The goal was to provide a system where projects could be easily maintained and spread in the university. I used HTML, CSS, JavaScript and MySQL in order to code and deploy the final product.
- **Prodigious Brazil** (Pelotas, RS. 2017 - Present): At Prodigious Brazil I am a Data Engineer responsible for building, maintaining and scaling an ETL Tool for Marketing purposes. Here, data needs to be retrieved, cleaned, transformed and displayed in automatic dashboards, so clients can gather insights in order to take business decisions. I am also responsible for some of the data analyses and reports made from the data collected by this ETL software. For this tool, I need to be a fullstack developer in order to deliver a reliable and consistent product.

## Awards

- **ACM - ICPC** (2014): Regional Champion of the ACM-ICPC held in Rio Grande, RS.
- **Coding Jam CofC** (2016): Champion of the Coding Jam at the College of Charleston, in Charleston, SC (USA).
- **Hackathon Parque Tecnológico Pelotas** (2017): Champion of the 2017 Hackathon held and promoted by the city of Pelotas to bring solutions for the urban life.

## Languages

- **Portuguese:** Native.
- **English:** Fluent.
- **Spanish:** Intermediate.
- **French:** Basic