FERNANDA DE MACEDO

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EDUCATION

Natal, Brazil	**Universidade Federal do RN**	December 2017

- B.Sc. in Science and Technology. GPA: 7.6. Top 12%.
- Relevant Coursework: Calculus I, II and III; Physics I, II, and III; Databases; Developing Systems for the Web; Discrete Mathematics; Linear Algebra; Introduction to Programming using C++; Probability and Statistics; Numerical Analysis; Software Development; Networks.

Ithaca, NY	**Cornell University**	May 2015

- B.A. in Computer Science. Non-degree. GPA: 3.4.
- Relevant Coursework: Intro to Computing Using Python; Design and Programming for the Web I and II using HTML, CSS, Javascript, MySQL and PHP; Object-Oriented Programming and Data Structures Using Java; Data-Driven Web Applications using D3.JS.

Natal, Brazil	**Universidade Federal do RN**	December 2010

- Bachelor of Laws. GPA: 9.4. Top 2%.

EXPERIENCE

Lawyer	**Macedo Advogados Associados**	2010-2014/2016-2019

- Prepared and filed legal documents, such as contracts, lawsuits, appeals; conducted research and analysis of legal problems; interpreted laws and regulations and presented my findings to clients and colleagues.
- As I grew in seniority, I made a shift towards more administrative work, such as drafting contracts, supervising payroll, hiring etc.

Software Engineering Intern	**Zack Academy**	May 2015 to August 2015

- Assisted the lead engineer with the complete overhaul of the company's website in order to improve customer experience by offering cleaner design, easier site navigation, as well as faster and more secure payment processing methods.
- Technologies used included Symfony, PHP, Doctrine, Apache, Twig, Bootstrap, BitBucket for version control and Agile Scrum Methodologies.

PROJECTS

- Full-stack web application for users to pin images/memes from other websites and share with their followers. The project was built using Django, Bootstrap, PostgreSQL, Redis, JQuery and AJAX.
- Recommendation Systems - Simple recommender systems in Python using a dataset with over 45,000 movie titles and employing tools such as Pandas, Numpy, Scikit-learn and Jupyter Notebook.
- Full-stack web tool to manage clients using all the basic CRUD operations. The project was built with React, Bootstrap, Firebase/Firestore and was deployed to Firebase.

ADDITIONAL INFORMATION AND AWARDS

- Recipient of Brazil's Scientific Mobility Program scholarship to attend Cornell University as a visiting undergrad for one academic year.
- Earned multiple prizes and honorable mentions on local and regional math competitions throughout middle school and high school, including 3rd place in the Rio Grande do Norte State Math Olympiad.
- Fluent in English, Portuguese and Spanish.

LANGUAGES, SKILLS AND TOOLS

- HTML, CSS, Javascript ES6, Python, Jupyter Notebook, Django, MySQL, PostgreSQL, Bootstrap, Visual Studio Code, Git, Heroku, React, Redux etc.