

FERNANDA DE MACEDO

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SUMMARY

As a teenager, I used to participate in local math olympiads for fun. There was something very exciting about being stuck on a problem for a few hours and then finally experiencing that lightbulb moment. I have found that writing software is the one thing that gives me the same thrill that I used to get then. So, suffice it to say, I am absolutely passionate about programming and I am always searching for new languages and technologies to learn.

EDUCATION

Natal, Brazil	Universidade Federal do RN	December 2017
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- 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
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- 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.

EXPERIENCE

Image Bookmarking Website

- Full-stack web application for users to pin images from other websites and share with their followers. The project was built using Django, Bootstrap, PostgreSQL, Redis, JQuery, AJAX, and was deployed to Heroku. AWS S3 was used for storage in production.

Office Manager Website

- 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.

Software Engineering Intern at Zack Academy, NYC	May 2015 to August 2015
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- 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 and Agile Methodologies.

ADDITIONAL INFORMATION AND AWARDS

- Recipient of Brazil's Scientific Mobility Program scholarship to attend Cornell University as a visiting undergrad for one academic year. I was one of eight students selected to attend Cornell out of almost 10,000 STEM students in Brazil who applied to the aforementioned university in the same cohort.
- Earned multiple prizes and honorable mentions on local and regional math competitions throughout middle school and high school, including 3rd place in 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, RESTful APIs etc.
- Familiar: Java, PHP, Rails, D3 etc.