

Efraim Rodrigues

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<https://efraimrodrigues.github.io/>

<https://github.com/efraimrodrigues/>

Experience

Federal University of Ceará / Software Developer

JANUARY 2017 - CURRENT, FORTALEZA, BRAZIL

Office of Information Technology (<https://sti.ufc.br/>)

Assisted the educational evaluation team on adding new features to the existing evaluation system. Implemented reports for the warehouse storage system. Designed and currently implementing the student's aid module.

Leveraged knowledge in Java, Git, JSF, Hibernate and SQL.

Education

Federal University of Ceará / Master of Science, Computer Science

JANUARY 2018 - CURRENT, FORTALEZA, CE - BRAZIL

Here at Federal University of Ceará I research in the graph theory field and optimization. Part of my research is to formulate mathematical models to solve graph theory problems. These formulations are implemented in C++ and Python.

Coursework: Graph Theory, Linear Programming, Integer Programming, Design and Analysis of Algorithms, the Probabilistic Method and Special Topics on combinatorics.

University of Nebraska / Computer Science

AUGUST 2013 - DECEMBER 2014, LINCOLN, NE - USA

Coursework: Fundamentals of Constraint Processing, Cryptography and Computer Security, Digital Image Processing and Bioinformatics.

Federal University of the Semi-Arid / Computer Science

FEBRUARY 2015 - JUNE 2017, MOSSORÓ, RN - BRAZIL

FEBRUARY 2011 - JUNE 2013, MOSSORÓ, RN - BRAZIL

Programming coursework: Computer Programming in C, Design and Analysis of Algorithms, Object-Oriented Programming in Java and Data Structures.

Skills

Java, C++, Python, JavaScript, Unix, Git, LaTeX, JSF, HTML/CSS, Hibernate and SQL. Portuguese, English and Spanish.
