

Emanuel P. Fontelles – *Curriculum Vitae*

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Date of Birth	4 th October 1995	Email	emanuelfontelles@fisica.ufc.br emanuelfontelles@hotmail.com
Nationality	Brazilian		

Personal Profile

Education

- 2011** High School Diploma
E.E.FM Dona Hilza Diogo de Oliveira, Fortaleza, CE - Brazil
Final marks: **89/100**
- 2012-2015** Bachelor in Physics
Centro de Ciências e Tecnologia, Departamento de Física
Universidade Federal do Ceará, Fortaleza, CE - Brazil
Graduation thesis: *Percolação e Criticalidade Auto-Organizada.*
(*Percolation and Self Organized Critically*).
Supervisor: Prof. PhD. José Soares de Andrade Júnior and PhD. André Auto Moreira
Final marks: **84/100**
- 2016-2018** Master in Physics
Centro de Ciências e Tecnologia, Departamento de Física
Universidade Federal do Ceará
Master thesis: *Estudo de redes complexas e Mecânica Estatística não-extensiva.*
(*Complex networks and non-extensive Statistical Mechanics*).
Supervisor: Prof. PhD. José Soares de Andrade Jr.
- from 2018** PhD in Physics
Centro de Ciências e Tecnologia, Departamento de Física
Universidade Federal do Ceará
Supervisor: Prof. PhD. José Soares de Andrade Jr.

Others activities

- Jul. 2014** Institutional Scientific Initiation Scholarship Program (PIBIC)
Jun. 2015 *Scholarship student*

The Institutional Scientific Initiation Scholarship Program (PIBIC) is an CNPq program aimed at educating new researchers by including students in research projects, under guidance of School professors. Students receive scholarships from the CNPq. We studied Gibrat's Law an some application on Statistical Physics using programming languages. The final papers, after carefully evaluated and selected are presented at the annual meeting of the University Meetings (EU) at Universidade Federal do Ceará.

Technologies: Gibrat's Law, Statistical Physics, C++, Python

Jul. 2015 Institutional Scientific Initiation Scholarship Program (PIBIC)

Feb. 2016 *Scholarship student*

The Institutional Scientific Initiation Scholarship Program (PIBIC) is an CNPq program aimed at educating new researchers by including students in research projects, under guidance of School professors. We studied Complex System with emphasis in Percolation studies and self-organized percolation focusing on growth of monomers, and application of network growth. The final paper, after carefully evaluated and selected are presented as undergraduate thesis in the end of bachelor in Physics, at Universidade Federal do Ceará.

Technologies: Percolation, Complex Systems, Statistical Physics, C++, Python

Congress and events

2015 X Escola do CBPF
Rio de Janeiro, Rio de Janeiro, Brazil
Listener

2016 Semana da Física 2016
Fortaleza, Ceará, Brazil
Manager

Certifications

2015 TOEFL ITP
Marks: 517

Software Engineering Skills

■ Programming Languages

C, C++
Fortran
Python, Pandas
R
Bash
L^AT_EX

■ Others computational skills

Linux - Arch Linux, Debian, Ubuntu
Mac OS X - Snow Leopard, Lion, Mountain Lion, Mavericks, Yosemite
Inkscape
GIMP
Gnuplot
XMGrace
Gephi

Languages

- Portuguese
- English
- Spanish

Referees

Name	Prof. PhD. José Soares de Andrade Jr
University	Universidade Federal do Ceará
Position	Professor and International Affairs Coordinator
Contact	soares@fisica.ufc.br

Name	Prof. PhD. André Auto Moreira
University	Universidade Federal do Ceará
Position	Professor and researcher
Contact	auto@fisica.ufc.br