Otacílio Bezerra Leite Neto

MASTER'S STUDENT IN PATTERN RECOGNITION AND DYNAMICAL SYSTEMS

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"If people never did silly things, nothing intelligent would ever get done." (Ludwig Wittgenstein)

Education ─────────────────────────────

Universidade Federal do Ceará - PPGETI/UFC   *Fortaleza-CE, BR*

(IN PROGRESS) MASTER OF SCIENCE (M.Sc) – PATTERN RECOGNITION AND DYNAMICAL SYSTEMS   *2019 - exp. 2021*

- Under the supervision of Prof. Dr. Francesco Corona and co-supervision of Prof. Dr. Michela Mulas.
- Researching on optimal decision-making for complex systems.

Universidade Federal do Ceará - DETI/UFC   *Fortaleza-CE, BR*

BACHELOR OF ENGINEERING (B. ENG) – COMPUTER ENGINEERING   *2016 - 2019*

- Thesis "Optimal Control: An application to a non-isothermal continuous reactor".
- Specialised in Statistical Machine Learning and Control Theory.

Universidade de Fortaleza - UNIFOR   *Fortaleza-CE, BR*

(TRANSFERRED) BACHELOR OF ENGINEERING (B. ENG) – COMPUTER ENGINEERING   *2014 - 2015*

Experience ─────────────────────────────

Universidade Federal do Ceará - DETI/UFC   *Fortaleza-CE, BR*

TEACHING ASSISTANT   *2019*

- Teaching assistant for the course "TI0118 - Introduction to Control Systems".

Insight Data Science Lab - DC/UFC   *Fortaleza-CE, BR*

INTERN   *2018*

- Member of the projects "Ontology for the Geological Data Generated from E&P Wells" (FCPC) and "Scientific and Technological Intelligence for Public Security" (FUNCAP)
- Worked on ontological modelling and database integration, and researched on semantic compression methods for large-scale databases.

PET Computação - DC/UFC   *Fortaleza-CE, BR*

INSTITUTIONAL MEMBER   *2016 - 2018*

- Founded and managed several institutional study groups and teaching activities.

Universidade de Fortaleza - CCT/UNIFOR.   *Fortaleza-CE, BR*

TEACHING ASSISTANT   *2015*

- Teaching assistant for the course "T922 - Object Oriented Programming".

Skills ─────────────────────────────

Programming	Python, C/C++, Julia, MATLAB, R, Java, Scala, Javascript.
Others	Git/GitHub, LaTeX, EAGLE (PCB Design), Apache Spark
Languages	Portuguese (Native), English (TOEFL C1), Spanish (Basic)

Extracurricular Activities ─────────────────────────────

Coding: Informatics for the Schools   *Fortaleza-CE, BR*

COORDINATOR AND MAIN LECTURER   *2016 - 2017*

- Project to teach computer programming to low incoming teenager students from public professional schools in Fortaleza-CE, Brazil.
- Reached 6 different schools with over 200 hours of lectures in total.

Study Group for the Programming Marathon (GEMP)   *Fortaleza-CE, BR*

COORDINATOR AND LECTURER   *2017*

- Institutional study group focused on competitive programming and problem solving.

Study Group for Linux and Free Software (GELSoL)   *Fortaleza-CE, BR*
Coordinator   *2017*
- Institutional study group focused on Linux and free software development and support.

Talks / Presentations

Semana da Engenharia de Teleinformática e Comunicações 2019 - DETI/UFC   *Fortaleza-CE, BR*
Invited talk titled "Bayesian Methods for Machine Learning"   *Oct. 2019*

XIII Semana Acadêmica da Computação - UFC   *Fortaleza-CE, BR*
Invited workshop titled "Neural Networks: A practical introduction"   *Ago. 2018*

VI Mostra de Pesquisa em Ciência e Tecnologia DeVry Brasil   *Fortaleza-CE, BR*
Presentation on "The use of Interactive Methodologies for Learning Oriented Object Programming"   *Mai. 2015*
- Honored as the best presentation in the Information Systems track.

Committees

2019	**Problem Setter**, IX Olimpíada Cearense de Informática	*Ceará, BR*
2018	**Problem Setter & Staff**, VIII Olimpíada Cearense de Informática	*Ceará, BR*
2017	**Problem Setter & Judge**, VII Olimpíada Cearense de Informática	*Ceará, BR*
2016	**Problem Setter & Staff**, VI Olimpíada Cearense de Informática	*Ceará, BR*