

# Herinson Rodrigues

## Computer Scientist



405 Sul Alameda 32 Lote 2B  
Palmas, Tocantins, Brazil



+55 (63) 98400-5086



herinson.br@gmail.com



@herodrigues



@herinson



herodrigues.me

## Education

2010-2016

BSc in Computer Science

Universidade Federal do Tocantins

2006-2009

Associate Degree in Informatics

Instituto Federal do Piauí

## Skills

Programming Languages: C, C++,

Python, Java, SQL

Mobile: Android (basic)

Frameworks: Qt, ReactJS, Laravel (basic)

Web: HTML, CSS, JavaScript, PHP

Design: Inkscape, GIMP, Adobe

Photoshop (basic)

Outros: Linux, Windows, MATLAB, Git,

MS Office,  $\LaTeX$

Languages: Portuguese (native), English

(fluent), Spanish (basic)

## Miscellaneous

2015 – ACM ICPC Programming Contest

- MyCofeeSot's programming, contest  
regional winner

2016 – ACM ICPC Programming Contest

- Organization member of the regional  
phase

- Responsible for training the contest  
teams

2013-2015 – Science without Borders

- Student Exchange Program at

Macquarie University, Sydney

(sponsored by CAPES)

## Work Experience and Internships

- March-2020 JavaScript Developer (remote) Manetu Inc., Colorado  
React components and themes for Manetu web applications.  
• JavaScript, Git, ReactJS, HTML5 e CSS3
- January-2019 XML Developer (remote) Rasent Solutions LLC, Mountain Ranch, California  
Creation of PDF documents from schemes developed in XSD/XSL/XML.  
• XML, Git, OxygenXML, Adobe Acrobat
- 2019-2020 JavaScript Developer (remote) Rasent Solutions LLC, Mountain Ranch, California  
Creation of dynamic PDF documents using Adobe LiveCycle Designer 11.  
• JavaScript, Git, Adobe LiveCycle, Adobe Acrobat DC
- May-Jun'2019 Web Developer (remote) Trestle LLC, Portland, Oregon  
Browser extension that shows instantly how companies operate and gives  
compatibility score based on user values.  
• JavaScript, Git, ReactJS, HTML5 e CSS3
- 2015-2019 Web Developer (remote) GoGuru LLC, Houston, Texas  
Browser extension that automatically searches and applies coupons at  
stores checkout. Hourly contract.  
• JavaScript, jQuery, ReactJS, HTML5 e CSS3
- Jan-Dec'16 Internship Department of Computer Science - UFT, Palmas, Tocantins  
Event website for the regional phase of the ACM ICPC Programming Con-  
test. Configuration and maintenance of machines used in the contest.  
• HTML5, JavaScript, CSS3 e Linux
- Ago-Dec'15 Internship University Publisher (UFT), Palmas, Tocantins  
Web administrative platform for users management, inventory control and  
finances.  
• PHP, PostgreSQL, Symfony2, HTML5, JavaScript e CSS3
- Jun-Dec'12 Internship Disbrava Ford Trucks, Palmas, Tocantins  
Web administrative platform for employees and users management, in-  
ventory control and reports.  
• PHP, MySQL, Zend, HTML, JavaScript e CSS

## Research and Projects

- 2018 The Proximal Point Algorithm for Minimizing Single Real Variable Convex  
Functions to Real Values SECCOMP UFT, Palmas, Tocantins  
Algorithm implementation of the proximal point method for single real  
variable convex functions to real values.  
• MATLAB, Python, Applied Mathematics
- 2012-2015 Robots Soccer: a cooperative platform for intelligent systems UFT, Palmas,  
Tocantins  
Project developed by the iBots team in the 2D RoboCup Soccer Simulation  
category. Development of intelligent methods for the robots soccer in the  
2D simulation league.  
• C++, Bash, Artificial Intelligence
- 2015 iBots 2015 Team Description Paper LARC, Uberlândia, Goiás  
Algorithm implementation for trajectory planning and defensive system in  
the decision making process of the players with ball possession.  
• C++, Bash, Artificial Intelligence
- 2012 iBots 2012 Team Description Paper LARC, Fortaleza, Ceará  
Reinforcement Learning to improve direct passes and passing into space  
(through pass and leading pass).  
• C++, Bash, Artificial Intelligence

## Languages

- 2013-2014 Academic  
Academic English course  
English Language Centre at Macquarie University, Sydney