

MORENO CUNHA

SOFTWARE DEVELOPER



Profile



Resume



Projects



Contact

About me

My proudest professional achievement

My proudest professional achievement started around 2009 when I joined AIESEC (at Vitória Federal University, UFES) as a volunteer with the objective of changing the world by changing myself by traveling abroad (exchange). Long history short. I applied for a software developer internship at GaiaX company in Tokyo, Japan. The opportunity was opened to any AIESEC member in 127 countries. The selection process lasted six months and in the end, I was chosen to travel to Japan to join the web development team as an intern. That experience gave me the professional (and why not say, personal) base that I have today. Recently (2017) I rejoin the GaiaX team working with the research, creation, and development of the trustdock.io project.

How I can be helpful?

I have a balanced combination of creativity and a logical mind that can be helpful to solve logic issues in a creative way or add some logic to creation. I never want to stop learn (the reason why I like my job) and make things (or people's lives) better. Also, I have a good eye for research and the talent to understand complicated technical details.

Plans to the future

Being a developer in a world full of technology is certainly a privilege. As a web developer, I have the opportunity to imagine, create, and share my ideas coded as web applications with unimaginable freedom. My goal is to work with people who believe in ideas and insights because that is the other half of the equation and how is balanced. After all technical understanding, creativity has to prevail to build successful projects.

Weak points

I don't have fast (or memorized) answers for tough issues (or documentation contents) but, given a little time and dedication, I can work my way out of any problem.

Employment

Security Challenges Content Provider

2018 - Present

Secure Code Warrior - Sydney, Australia
Remote

Responsible for creating security challenges in Django and Flask Python frameworks based, but not limited, on OWASP top 10 web application security risks. Injection.

Web frameworks

Django / Python

Catalyst / Perl

Ruby on rails

JavaScript frameworks

AngularJS

React

Vue.js

Web design

LESS / Sass

CSS3

HTML5

Bootstrap

Best practices

TDD (Unit Tests)

PEP8 - Style Guide

Behave Tests

Other languages

Solidity (ethereum)

JAVA (android)

C

Shell Script

Deployment

Broken Authentication. Sensitive Data Exposure. XML External Entities (XXE). Broken Access Control. Security Misconfiguration. Cross-Site Scripting XSS. Insecure Deserialization. Using Components with Known Vulnerabilities. Insufficient Logging & Monitoring. (owasp.org/www-project-top-ten)

Keywords: Django/Python, OWASP, Flask/Python, Web Security

Software Developer and Researcher

2016 - Dec/2017

Gaiax Co.Ltd. - Tokyo, Japan
Remote

Working with research, creation, and development (Django REST framework micro-service) of Trust Dock (identity verification service - trustdock.io) focused on blockchain, cryptography, web security, identity proofing, authentication, face recognition, and machine learning research.

Keywords: Django/Python, Django REST API, Microservices, Webhooks, JAVA (android), Solidity (ethereum), Heroku (server), AWS, Ansible, Research

Full-stack Web Developer (Django / Python)

2014 - 2016

UCL - Faculdade do Centro Leste - Serra, Brazil
On Site

Implement, configure, and maintain the first Portuguese version for the Open edX (Harvard/MIT) learning platform in Brazil called ESO (eso.org.br). Also being part of the Django/Python development team.

Keywords: Django/Python, Open edX Platform, JavaScript, AWS, Ansible, MySQL, PostgreSQL, MongoDB (NoSQL)

Full-stack Web Developer (Django / Python)

2012 - 2013

Giftovus, Inc. - San Diego, California, US
Remote

I was a member of the web development multicultural team (with four remote members from home in Brazil), talking in daily scrum meetings about UX jQuery new ideas, adding new technologies (APIs and GitHub Django apps), improving the code, and being responsible to the deployment process. (www.giftovus.com)

Keywords: Django/Python, Tastypie API, Backbone.js, jQuery, Bootstrap Front-end framework, Docker Cloud (server)

CTO / Full-stack Web Developer (Django/Python)

2010 - 2012

Instituto IDEAS - Vitória, Brazil
On Site

Invited to be part of the Institute IDEIAS' first IT division as a web developer. Later promoted to be responsible for manage: the telecommunication infrastructure and the web development team (based on scrum, kanban, and XP management). (institutoideias.com.br/site)

Keywords: Django/Python, Ruby on Rails, jQuery, HTML, CSS, Linode (server), MySQL

Web developer - Internship

2010 - 2010

Gaiax Co.Ltd. - Tokyo, Japan
On Site

I was part of the IBD development team as an intern learning about commitment, discipline, teamwork, and the "modern" web frameworks like Catalyst/Perl and Django/Python. (gaiax.co.jp)

Keywords: Django/Python, Catalyst/Perl, Google App Engine, JavaScript, HTML5 (canvas), Shell Script, Apache, MySQL

Amazon AWS



heroku.com



Ansible



Docker



Servers

Apache



Nginx



Node.js



DataBases

MySQL



PostgreSQL



SQLite



MongoDB (NoSQL)



Education

Technologist degree in Analysis and Systems Development

Instituto Federal do Espirito Santo - Brazil

2005 - 2009

On Site

In addition to learning what was the basis of my technical knowledge today writing the code of my final graduation work in python was a big plus for my career. In the project (or "game") I try to emulate some network layers with Python (including routers, switches, and network cards) until it is possible to send and receive a "PING" signal. The challenge is to configure the network correctly to send and receive data (PING) and then learn a little about how a computer network works.
(github.com/morenopc/python-network)

Keywords: Research, Programming logic, Web Development, Computer network, Software Engineering, Project management, C (language), JAVA, Python, Blender 3D

Courses

Ethereum Solidity Developer Masterclass

2017 - 2017

Thomas Wiesner and Ravinder Deol

Remote

Ethereum Blockchain Development course online helping you to build complex, real-world, Ethereum based distributed applications using solidity successfully.

Keywords: Solidity (ethereum), Ethereum Smart Contract, Blockchain

M101P: MongoDB for Developers

2014 - 2014

university.mongodb.com

Remote

Open edX format MongoDB for Developers course.

<https://dl.dropboxusercontent.com/u/2865713/courses/certificates/2014-09-28-M101P-mongodb-developers-certificate.pdf>

Keywords: MongoDB (NoSQL)

Welcome to the Django - Henrique Bastos

2011 - 2011

welcometothedjango.com.br

Remote

Become the owner of your own business and learn Python/Django to meet customer demands. Best practices (TDD). Be part of the developer community, make friends, and be happy. (github.com/morenopc/eventex)

Keywords: Django/Python, Heroku (server), TDD (Unit Tests)