# Arthur R. **Moreno**

Computer Engineer · Data Engineer

Rua Sebastião Alves 74, Apt. 104, Tamarineira, Recife, Pernambuco, CEP 52060-100, Brazil

(+81) 99991-8327 | ✉ morenorarthur@gmail.com | arthurmoreno | arthur-moreno-154236103

*"if the doors of perception were cleansed everything would appear to man as it is infinite."*

## Education

**UFPE(Federal University of Pernambuco)**                    *Recife, Pernambuco, Brazil*

B.S. in Computer Engineering                                  *Aug. 2011 - Dec. 2016*

- Discrete Mathematics Tutor.

## Skills

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|---|---|
| **Industry Knowledge** | Scrum, Programming, Software Development, Android Development, Web Development, Shell Scripting, Web Crawling, Amazon Web Services |
| **Tools and Technologies** | Python, Go, JavaScript, HTML, C++, Arduino, SQL, Cascading Style Sheets, jQuery, C, Verilog, Linux, Bootstrap, React, Git, Docker, Selenium WebDriver, Scrapy, Amazon EC2, Amazon S3, Amazon Lambda, Amazon SQS, Amazon Api Gateway, Ansible |
| **Languages** | Portuguese, English |

## Experience

**Serasa Consumidor**                                         *Blumenau, Santa Catarina, Brazil*

System Analyst                                                *Jul. 2018 - Present*

Serasa Consumidor belongs to the globally known Experian which focus on developing digital solutions and products that ease the access to credit for common people, aiming to revolutionize the financial health in Brazil.

**Activities:**
- Backend developer on the authentication team.
- Design and development of APIs in Python using aiohttp, asyncpg, flask and other frameworks.

**Achievements:**
- Created a micro service to serve as a database as a service, to solve a problem we had on a database struggling with too many conections.
- I proposed and led the company's first production stress test.

**Intelivix**                                                *Recife, Pernambuco, Brazil*

Data Engineer and Web Developer                              *Apr. 2017 - Jul. 2018*

Intelivix is an intelligence and data analysis company for the legal sector. The main product is jurimetry, or application of quantitative methods, especially Statistics in Law.

**Activities:**
- Web Development.
- Web Scraping.
- Data Engineering.
- Development Operations.

**Technologies and Methodologies:**
- Python, Django, Scrapy, Docker, Celery, MongoDB, AWS, Javascript, React and Ansible.
- Scrum and Kanban.

**Locus Automação e Serviços**                               *Recife, Pernambuco, Brazil*

Web Developer Trainee                                        *Feb. 2016 - Oct. 2016*

Locus Automation is a software development company that aims to automate and improve the efficiency of its customers' processes.

**Activities:**
- Web Development.
- Android App Development.

**Technologies and Methodologies:**
- Python/Django, HTML, CSS, Javascript and Android.
- Scrum.

### Northeastern Nuclear Science Center - CRCN

*Recife, Pernambuco, Brazil*

SCIENTIFIC INTRODUCTION SCHOLARSHIP

*Jan. 2015 - Jul. 2016*

One of the major challenges of managing radioactive sources in radioactive waste storage facilities is proper allocation of sources. Thus, the main objective of this work was to develop a software capable of receiving an arrangement of sources, and to optimize the organization of these sources so that the dose emitted by the set is minimized, thus reducing its impact on the environment.

**Activities:**
- Search Optimization.
- Web Development.

**Technologies and Methodologies:**
- Genetic Algorithm and Simulated Annealing.
- Python, Django, Celery, Javascript and HTML.

### UFPE(Federal University of Pernambuco)

*Recife, Pernambuco, Brazil*

SCIENTIFIC INTRODUCTION SCHOLARSHIP

*Aug. 2013 - Jul. 2014*

Project Title: A Testbed Support Tool for Aspect Oriented Software Development. During the period a tool called "REviewER" was developed. The main purpose of the tool is to assist those who carry out systematic mapping.

**Activities:**
- Software Development.

**Technologies and Methodologies:**
- Sistematic Review.
- Java, Eclipse Rcp.

## Honors & Awards

### NATIONAL

| | | |
|---|---|---|
| 2015 | **Finalist**, Intel Cup Embedded System Design Contest | *Foz do Iguaçu, Brazil* |
| 2007 | **1st Place**, First Lego League Robotics Tournament | *Maceio, Brazil* |

## Events

| | | |
|---|---|---|
| 2017 | **Python Brasil**, Belo Horizonte, MG | *Brazil* |
| 2018 | **Meetup Elastic Search**, Recife, PE | *Brazil* |
| 2018 | **Python Nordeste**, Campina Grande, PR | *Brazil* |
| 2018 | **Python Brasil**, Natal, RN | *Brazil* |
| 2019 | **The Developer's conference - TDC**, Florianópolis, SC | *Brazil* |