

Fernando Cezar Bernardelli

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CITIZENSHIP Brazil

EDUCATION **Federal University of Parana**, Bachelor in Computer Science
Graduation date: July 2011

Federal University of Parana, Masters in Computer Science – with emphasis
on advanced networks and security
From July 2011 to January 2013 – Unfinished.

PUBLIC LINKS

Github: <https://github.com/netcriptus>
LinkedIn: <https://de.linkedin.com/in/fernando-cezar-bernardelli-8b333a32>
StackOverflow: <https://stackoverflow.com/users/1619435/fernando-cezar>

PROFESSIONAL EXPERIENCE **BrainBot Technologies**, Berlin, Germany

Principal Software Engineer **March 2021 to present**

- Part of the team responsible for development of the **Raiden Protocol**. The main responsibilities include writing and maintaining the **Smart Contracts** on the Ethereum blockchain, as well as the **Raiden Ecosystem** necessary for the open source project.
- Project lead for the integration of Raiden with the FetchAI framework.
- Technical manager and first point of contact for community technical support on the **Raiden Discord server**.
- Technologies used for the company backend include Python, Flask and Solidity.

Planet Labs, Berlin, Germany

Senior Backend Developer **January 2017 to March 2021**

- Responsible for architecting and maintaining many systems related to access control, account managing and satellite tasking.
- Occasionally acted as technical team lead when the situation demanded.
- Technologies used for the company backend include Python, Django, Flask and Golang.

Dubsmash, Berlin, Germany

Senior Backend Developer **February 2016 to January 2017**

- API architect and developer for microservices.
- Technologies used in the company backend include Python, Django, Golang, PostgreSQL, DynamoDB, Amazon Web Services, Celery, RabbitMQ, git and docker.
- Methods used in the company include Scrum, Kanban and TDD.

EatFirst, Berlin, Germany

Senior Full Stack Developer **April 2015 to February 2016**

- API developer for an e-commerce platform, built from scratch.

- Technologies used in the company for backend include Python, Flask, PostgreSQL, Amazon Web Services (S2 and E3 mainly), git, Nginx and docker.
- Stack for frontend include ReactJS, Backbone and RiotJS.
- Methods used in the company include Scrum and TDD.

Titans Group, Sao Paulo, SP, Brazil

Backend Developer

October 2012 to March 2015

- API developer for whitelabel products, including:
 - a file sync software
 - a Contacts management WebDAV compliant server
 - a Single Sign On software and federated environment.
- Occasionally performed pentests in the company's products.
- Technologies used in the company include Python, Django, Flask, Shell Script, MySQL, PostgreSQL, Amazon Web Services (S2 and E3), git, Nginx and MongoDB.
- Methods and tools used in the company include Scrum, TDD, BDD, Mumble and Grove.io (both for communication with inner and remote team)

Mucca Shop, Curitiba, Parana, Brazil

Backend Developer

July 2012 to October 2012

- Part of the team developing **Orelha de Livro**, a web app for books management.
- Technologies used by the company include Amazon Web Services (S3 and RDS), git, Python, Django and MySQL

LCG Software, Curitiba, Parana, Brazil

Development of web bots and parsers, intern **January 2008 to October 2009**

- Designed and implemented html parsers for sports betting websites.
- Participated in software development of web bots for automated betting.
- Technologies used included Python, Twisted and PAMIE.

P.E.T. Research Group, Federal University of Parana

March 2007 to February 2008

- Ministrated Linux classes inside the University.
- Researched projects using free, open source software, highlights on:
 - Dokeos and Moodle, deployed and compared on a research about e-learning
 - ffmpeg for real time video streaming conversion
- Technologies adopted by the group include C, PHP, Shell Script, Subversion, Python and Django

TECHNICAL SKILLS

Over 15 years of professional and academic experience with the Python language. Programming skills in Ruby, C/C++, Shell Script, Solidity, Javascript and Go. Extensive experience in the web frameworks Django and Flask, and considerable experience with Rails and Sinatra. Familiar with methods such as BDD, TDD and Scrum. Academic research about advanced mobile networks (mainly MANETs and DTN) and network security. Skilled with \LaTeX

EVENTS

- Main speaker at the **Golang User Group Berlin 5th anniversary meetup**
- Second place award in the **Hack HPI Hackathon 2016**