

Caio Jordão de Lima Carvalho

Curriculum Vitae

PERSONAL DETAILS

<i>Birth</i>	June 7, 1995
<i>Phone</i>	+55 71 99703-3224
<i>Mail</i>	caio@carvalho.site
<i>Website</i>	carvalho.site
<i>Github</i>	github.com/cjlcarvalho

EDUCATION

B. of Technology - System Analysis and Development

2016-2019

Federal Institute of Bahia - Salvador, Brazil

Cumulative GPA: 8.8 out of 10

This course's main objective is to form professionals from undergraduate academic degree as Computing and Information Systems developers, aiming to supply the biggest needs from society in software development area.

Scholarship Student - Applied Sciences

2019-2019

College of the Rockies - Cranbrook, Canada

Selected by the Emerging Leaders in the Americas Program to study in Canada during one semester. I'm using this opportunity to improve my skills in the area of Statistics, helping in my progress through Artificial Intelligence advanced studies.

WORK EXPERIENCE

Back-end Development Lead

2018-present

Escavador, Salvador-BA

Leader of a back-end development team for one of the projects related to Escavador juridical assistant (escavador.com), which is developed by one of the most promising start-ups from Brazil. My work area includes the building of software architectures focused on web scrapping, integration of search engines, development of robots based on Machine Learning for Data Mining, Information Retrieval, Natural Language Processing and Pattern Recognition in juridical texts.

Undergraduate Research Student

2017-present

Labrosoft-IFBA, Salvador-BA

Research Scholarship. I have worked at project "Development of a simulated stock market to evaluate bots behaviour in decision-making processes" from 01/08/2017 to 01/08/2018 and I am currently working at project "Object Tracking using Deep Learning techniques for Embedded Systems" from 01/08/2018 to 01/08/2019, being advised by PhD professor Antonio Carlos Souza.

Fields of Study: Machine Learning, Pattern Recognition, Neural Networks, Computer Vision, Deep Learning

Co-Founder and Software Engineer

2018-present

StreamChord, Salvador-BA

StreamChord is a mobile platform to visualize music chords using data available at streaming services. Winner project at Projects' Hotel innovative competition at IFBA.

Google Code-in 2018 - Mentor

2018-2018

Google / KDE Community, Remote

I have participated in GCi as a mentor in the KDE Community. My main assignments were focused on helping students to complete tasks for KDE Partition Manager, assisting them to solve some questions and acting as a reviewer of their work.

Google Summer of Code 2018 - Student Developer

2018-2018

Google / KDE Community, Remote

I have finished LVM Volume Group support in Calamares installer framework and implemented the initial RAID support in kpmcore partitioning library, KDE Partition Manager and Calamares.

Duration: 23/04/2018 to 22/08/2018.

Technologies: C++, Qt5, CMake, mdadm, dmraid, lvm, Linux partitioning tools.

Season of KDE 2018 - Student Developer

2018-2018

KDE Community, Remote

Collaborated in KDE Partition Manager to improve SMART support and KAuth external commands and operations flow.

Duration: 01/01/2018 to 09/02/2018.

Technologies: C++, C, Qt5, CMake, SMART (libatasmart, smartctl), DBus.

Software Development Intern

2016-2017

TecnoTRENDS, Salvador-BA

I worked as a developer of SAGRES platform, especially with SAGRES Colégio module. Among my main tasks, I was able to work with the development of new features and interfaces, solving bugs, improving certain parts of the software and creating SQL routines.

Duration: 01/10/2016 to 01/10/2017.

Technologies: C#, ASP.NET, SQL Server, TFS.

IT Support Intern

2016-2016

Grupo de Apoio à Criança com Câncer, Salvador-BA

Maintenance of hardware, ERP systems, databases, backup routines, cabling and computer networks.

Duration: 01/03/2016 to 30/09/2016.

MAIN SKILLS

Languages

Portuguese (mother tongue)
English (advanced)
Spanish (basic)
German (very basic)

Concepts

ALGORITHM ANALYSIS AND DESIGN
OBJECT-ORIENTED PROGRAMMING
DESIGN PATTERNS, DATA STRUCTURES

	COMPUTER VISION, ARTIFICIAL INTELLIGENCE
<i>Programming Languages</i>	C++, C, PYTHON, JAVA, SHELL SCRIPT
<i>Databases</i>	POSTGRESQL, MYSQL, SQLITE, SQL SERVER
<i>OS</i>	LINUX, WINDOWS
<i>Frameworks</i>	QT, DJANGO, FLASK, OPENCV
<i>Continuous Integration</i>	GITLAB CI, TRAVIS CI
<i>Tools</i>	GIT, L ^A T _E X

CERTIFICATIONS

- TOEFL IBT - ETS.
- TOEFL ITP - ETS.
- English Language Proficiency Test - College of the Rockies.

ACHIEVEMENTS

- Emerging Leaders of the Americas Program: Selected for a scholarship in Canada.
- ProgBASE 2017 (Competitive Programming Contest from the Northeast region of Brazil): 1st Place.
- Season of KDE 2018: Grand Prize Winner, where I was selected for a trip to Vienna (Austria) to participate in Akademy 2018.
- Best project at IFBA Project's Hotel innovative challenge with StreamChord app.
- 2nd Programming Contest of Bahia (Maratona Baiana de Programação): Bronze Medal.