Gabriel Bastos – Curriculum

About & Contact

NAME:	Gabriel Silva Bastos
BIRTHDATE:	5 Jun 1997
ADDRESS:	Rua dos Assistentes Sociais, 294 – Alípio de Melo – Belo Horizonte – MG – Brazil.
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Work Experience

CURRENT
APR. 2019

MAV TECNOLOGY
Software Engineer

Activities and technologies:
- Maintenance of legacy systems.
- C++, Java and Lua programming.
- Microservices architecture, docker.

APR. 2019
MAR. 2018

FEDERAL UNIVERSITY OF MINAS GERAIS
Undergratuate research – Speed laboratory

Activities:
- IoT malware analysis.
- Scientific paper writing.
Topics:
- Data mining and analysis, linux infrastructure.
- Python and Bash programming.

MAR. 2018
MAR. 2017

FEDERAL UNIVERSITY OF MINAS GERAIS
Computer Programming Prefect

Activities:
- Assistence to the students in practical activities.
Topics:
- Sequential and combinational circuits.
- Scilab programming.

SEP. 2016
NOV. 2015

BRAE BIOTECNOLOGY
Junior systems analyst

Activities:
- Software development of the desktop application for an electrocardiograph.
- Software development of the desktop application for a multi-parameter monitor.
Technologies:
- C# programming.
- Microsoft Windows Presentation Foundation.

JUL. 2015
FEV. 2015

BRAE BIOTECNOLOGY
Internship – Electronics technician

Activities:
- Participation in the electronic project development of an electrocardiograph.
- Software development of the firmware for the electrocardiograph.
Technologies:
- Keil μVision embbeded development environment.
- C programming.

Education

2021	Federal University of Minas Gerais
2016	Undergraduate in Information Systems
2015	UFMG's Technical High School
2013	Electronics technician

Skills

English	Proficient reading, writing and hearing. Intermediary pronounce.
Programming Languages	I'm familiar with the following programming languages: C, C++, C#, Rust, Haskell, F#, Python, Lua.
Technologies	I'm familiar with the following technologies: Linux, bash, git, github, docker, .NET framework, emacs, parsec(Haskell).

Personal Interests

I love technology, and have been programming since I was 14 years old.
Some of the topics and technologies of my interest:

- Programming languages and compilers.
- Parsers, type systems, programming paradigms.
- Static analysis and optimizations, LLVM, JIT compilers.
- Programming tools and software engineering techniques in general.

Projects
All of my projects can be found at my github.

FSQL	https://github.com/gahag/fsql FSQL is a tool written in haskell to query the file system with SQL-like syntax.
TPC	https://github.com/gahag/tpc TPC is a template based parser combinator for C++.
Bgrep	https://github.com/gahag/bgrep Bgrep is a *grep* spin for binary patterns and files.