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.
PHONE:	+ 55 (31) 99286 – 2772
e-mail:	gabriel.s.b@live.com

Work Experience

CURRENT 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

2020 2016	**FEDERAL UNIVERSITY OF MINAS GERAIS** Undergraduate in Information Systems
2015 2013	**UFMG's TECHNICAL HIGH SCHOOL** 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.
TECHNOLOGIES	I'm familiar with the following technologies: Linux, bash, git, github, .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.