

GABRIEL BASTOS – CURRICULUM

ABOUT & CONTACT

NAME: Gabriel Silva Bastos
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WORK EXPERIENCE

CURRENT MAR. 2018	FEDERAL UNIVERSITY OF MINAS GERAIS Undergraduate research – Speed laboratory Activities: <ul style="list-style-type: none">IoT malware analysis.Scientific paper writing. Topics: <ul style="list-style-type: none">Data mining and analysis, linux infrastructure.Python and Bash programming.
MAR. 2018 MAR. 2017	FEDERAL UNIVERSITY OF MINAS GERAIS Computer Programming Prefect Activities: <ul style="list-style-type: none">Assistence to the students in practical activities. Topics: <ul style="list-style-type: none">Sequential and combinational circuits.Scilab programming.
SET. 2016 NOV. 2015	BRAE BIOTECNOLOGY Junior systems analyst Activities: <ul style="list-style-type: none">Software development of the desktop application for an electrocardiograph.Software development of the desktop application for a multi-parameter monitor. Technologies: <ul style="list-style-type: none">C# programming.Microsoft Windows Presentation Foundation.
JUL. 2015 FEV. 2015	BRAE BIOTECNOLOGY Internship – Electronics technician Activities: <ul style="list-style-type: none">Participation in the electronic project development of an electrocardiograph.Software development of the firmware for the electrocardiograph. Technologies: <ul style="list-style-type: none">Keil μVision embedded 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 <i>grep</i> spin for binary patterns and files.