

42 R. General Dionísio Cerqueira,  
Apt 602  
Gutierrez BH/MG 30441063

## DANIEL M. PARREIRA

+55 (31) 99842-1276  
danielmapar@gmail.com

### EMPLOYMENT

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**Software Engineer - Canada**                      **Flashstock (Photography startup)**                      **April 2015 – Present**

- Implemented a ranking algorithm to best match photographers to available jobs.
- Created a versioning control system to keep track of image and metadata changes.
- Designed a password migration feature to strength security constraints (hashing / salting).
- Developed a public RESTful API and integrated the platform with various partner APIs.

**Software Engineer - Canada**                      **Kahuso (Recruitment startup)**                      **Dec 2015 – Feb 2016**

- Implemented full integration with LinkedIn API, Facebook API and Twitter API.

**Undergrad Researcher - Canada**                      **University of Toronto**                      **May 2014 – May 2015**

- Implemented a system that enables professors create customized C language exercises and also develop test cases to validate student's answers ([ACM paper](#) / [Project Website](#)).
- Designed a full feature online debugger to help student's walkthrough their C code when solving an exercise.
- Built a RESTful public API in order to connect the debugger to other platforms.
- Teacher assistant on "CSC209H: Software Tools and Systems Programming" where the system is being used.

**Software Consultant - Brazil**                      **Axxiom Soluções Tecnológicas S.A**                      **Jun 2013 – Dec 2013**

GASMIG SAP migration project

- Customized SAP CCS printing module to communicate with government's tax collection API and SAP FI.
- Implemented a middleware to connect the printing module from SAP CCS to SAP ERP.

**Software Engineer - Brazil**                      **Indra Company**                      **Jan 2011 – May 2013**

CEMIG SAP migration project

- Migrated in-house developed functionalities from SAP CCS EHP5 to 6.
- Created a stress test plan and designed a program to show performance bottle necks in the SAP CCS platform.

### EDUCATION

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**Brazil, BH**                      **Pontifícia Universidade Católica de Minas Gerais**                      **Jan 2011 – Dec 2015**

- Bachelor's degree in Information Systems.
- Undergraduate Coursework: Operating Systems; Algorithms; Programming Languages; Comp. Architecture; System Testing and Verification.

**Canada, TO**                      **University of Toronto**                      **Jan 2014 – May 2015**

- Bachelor's degree in Computer Science.
- Undergraduate Coursework: Databases; Software Engineering; Programming on the Web; Capstone Project.

### TECHNICAL EXPERIENCE

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**Projects** (source available at [github](#))

- **Videobox** (2015). Web app that retrieves videos from various websites and enables creating custom playlists.
- **Moses** (2014). Mobile app for iPhone/iPad to share bills with your room mates in real time.
- **UDoctor** (2013). Medical search engine that helps users find the ideal doctor depending on their problem.

### ADDITIONAL EXPERIENCE AND AWARDS

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- **Scholarship from National Counsel of Technological and Scientific Development:** Science Without Borders.

### Languages and Technologies

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- C++; C; Java; Python; Ruby; Groovy; JavaScript; Objective-C; Swift; SQL; NoSQL
- Sublime; Atom; Vagrant; MongoDB; PostgreSQL; AngularJS; ReactJS; NodeJS; Rails; Grails; AWS