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DANIEL M. PARREIRA

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EMPLOYMENT

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)** **Jan 2016 – 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

Pontifícia Universidade Católica de Minas

Brazil, BH **Gerais** **January 2011 – Present**
- Bachelor's degree in Information Systems.
- Undergraduate Coursework: Operating Systems; Algorithms; Programming Languages; Comp. Architecture; System Testing and Verification.

Canada, TO **University of Toronto** **January 2014 – May 2015**
- Bachelor's degree in Computer Science.
- Undergraduate Coursework: Databases; Software Engineering; Programming on the Web; Capstone Project.

TECHNICAL EXPERIENCE

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 mattes in real time.
- **UDoctor** (2013). Medical search engine that helps users find the ideal doctor depending on their problem.

ADDITIONAL EXPERIENCE AND AWARDS

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

Languages and Technologies

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