

MATEUS BRAGA

Brasilia, Brazil

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github.com/mateusbraga

SUMMARY OF QUALIFICATIONS

- Expected graduation date: July 2014.
- Good communication skills.
- Special interest in distributed systems and security.
- Familiarity with Unix/Linux systems.

WORK EXPERIENCE

Software Developer Intern, *GE Aviation*, East Lansing, MI, capstone project September 2012 - December 2012

- Project for the development of a ultra-high-resolution satellite imagery viewer for iPad.
- Managed a team of 3 students in the MSU senior capstone course.
- Participated as developer, the point of contact with the client and project manager.

Software Developer Intern, *Norfolk Southern*, Atlanta, GA, full-time May 2012 - August 2012

- Participated in a team of 5 in the development of backend programs to handle train health data from detectors.
- Developed inference code in Java to identify trains based on distance between axles.
- Developed a controller in C for the subsystems of the project.
- Integrated Java and C/C++ programs using JNI.

Director of Information Technology, *CJR Junior Enterprise*, Brazil, volunteer July 2011 - December 2011

- Directed a team of 8 in the information technology management of the enterprise.
- Improved the server backup process by automating it with Amazon Web Services.
- Improved the software development process by making it more suitable to the context of a Junior Enterprise.
- Promoted the use of MediaWiki as a mean to share knowledge inside the enterprise.

Undergraduate Research Intern in Information Security, *UNB*, Brazil, part-time July 2011 - December 2011

- Developed an understanding of information security through the project: Trust Models for Computer Security.
- Briefly analysed the information security standard ISO/IEC 27002.

Information Technology Consultant, *CJR Junior Enterprise*, Brazil, volunteer August 2010 - July 2011

- Managed a team of 3 in the improvement of a medium-size information system using SVN, Eclipse and Mantis.
- Administered the servers of the enterprise, enforcing security policies and organization principles.
- Participated in a team of 2 in the development of a registration system using Codeigniter and jQuery.

COMPUTER SKILLS

Programming Languages:

Go, C, Java, Python.

Libraries/APIs:

SQL, Redis, OpenSSL
Amazon S3, Google App Engine.

Tools:

Git, Docker, Virtualbox.
Travis CI, GIMP.

Architectures:

SOA, REST Web services, Cloud.
MVC, Middleware, Active replication.

EDUCATION

Computer Science, *University of Brasilia*, Brazil August 2009 - Present

- GPA 3.75
- Enrolled as a **Study Abroad** Student for one year at Michigan State Univeristy with a GPA of 4.00.

Competent Communication Award, *Toastmasters International*, USA January 2012 - December 2012