Matheus Vieira Portela

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PROFILE

A motivated student passionate by computer systems. Possesses strong communication skills and leadership experiences as a Scout Leader and as the Robot Soccer Team coordinator. International experiences include an exchange program to Australia and being the representative of the Brazilian Scouts in Sweden the United Arab Emirates.

EDUCATION

University of Brasília, Brazil   *Mar 2010 – Dec 2015*
Mechatronics Engineering   GPA: 4.21/5
Relevant coursework: Computer Organization and Architecture, Systems Software, Operating Systems, Data Transmission, Computational Fundaments of Robotics, Probabilistic Robotics, Hydraulic and Pneumatic Systems, Integrated Manufacturing Systems, Industrial Organization, Real-Time Processing, Introduction to Game Development.

Australian National University   *Jul 2012 – Jul 2013*
Exchange Program
Science Without Borders program, sponsored by the Brazilian government.
Relevant coursework: Algorithms, Statistical Machine Learning, Artificial Intelligence, Computer Vision, Control Systems, Digital Communications, Signal Processing.

EXPERIENCE

IPe Network Engineering, Brazil   *Jun 2014 – current*
Intern – Operations and product development
- Analyzed possible clients for selling security solutions, such as firewall , IDS and WAF appliances.
- Analyzed and selected network security applications for product development support.
- Developed analysis methodology for vulnerability assessment and elaborated technical reports.
- Benchmarked in-development product prices and features.

University of Brasília, Brazil   *Aug 2013 – Apr 2014*
Undergraduate Researcher – Economics department
- Designed an algorithm for automatic identification of market sentiment with financial papers by crawling more than 10,000 tweets a day, identifying influential users and implementing machine learning, with about 60% accuracy.

CSIRO, Australia   *Dec 2012 – Feb 2013*
Summer Intern – Autonomous systems laboratory
- Developed correction methodology for misrecognized words in speech recognition systems using gaze trackers, 35% faster than usual methods.
- Designed controlled experiments with 20 users, collected and analyzed data.
- Wrote and submitted scientific paper to an international conference.

LANGUAGES

Fluent: Portuguese, English.   **Intermediate:** French, Spanish.

TECHNICAL SKILLS

Programming: Python, C, C++, MATLAB, MIPS/x86 assembly, Git, LaTeX, Makefile.
Miscellaneous: TCP/IP, Computer Networks, Network Security, MS Office, AutoCAD, Adobe Photoshop, Linux, Mac OS X, Windows.

EXTRACURRICULAR ACTIVITIES

- **Scout** since 2004, awarded with the Golden Lis Award (highest degree).
- **Robot soccer team coordinator** in 2014.
- **Assistant-director** and participant at Model UN.
- **MOOCs** participant in the following courses: Economics 101, Model Thinking, Artificial Intelligence, Computer Networks, Web Application Architectures, The Data Scientist's Toolbox, and R Programming.
- **Honorable mention** in Introductionto Game Development class.