



Cover letter



Hello, my name's Uákiti Pires, B.S. degree in Automation & Control Engineering from University Paulista, UNIP-DF (2005-2010), graduate course of specialization in Project Management from Faculty UniCESP-DF (2013).

During my professional career, always tried searching working with solid, ethical, and responsible companies, looking for professional experience that leverages my qualities, and improves my abilities for a good execution of tasks that are given to me, besides always be looking for new challenges that face the technological and scientific development.



Extracurricular Activities

Research Group in Robotics Z-TRONICS of University Paulista in campus UNIP-DF:

- ❖ Ex-member of the Intelligent Team, Robot Soccer under the category F-180 and Humanoid;
- ❖ Ex-President Coordinator;
- ❖ Consultant of the Administrative Council.

Aeromodelling Team ANTONOV of University Paulista in campus UNIP-DF:

- ❖ Ex-member.

ELO Engineering Junior Company of State University of Goiás (UFG):

- ❖ Consultant of projects and industrial automation methodology.

Co-Coordination on the IV DBR (Challenge of Robots in Brasilia, named in Portuguese);

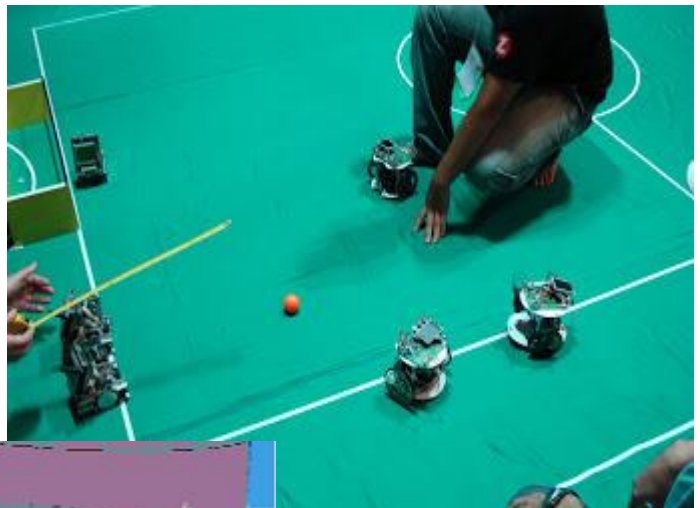
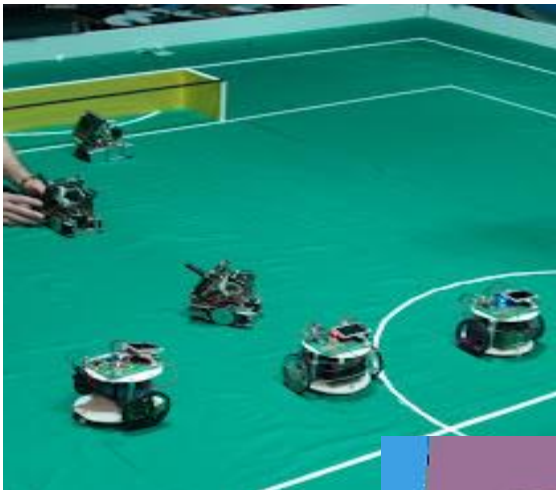
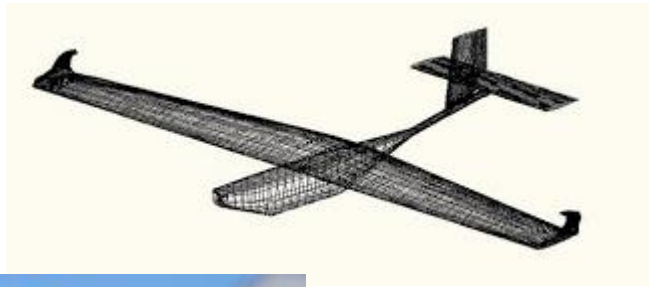
Participation on the Aeromodelling Competition SAE Brazil of Aerodesign;

Holdings in robotics competitions IEEE Competition, LARC (Latin American Robotics Competition), Brazilian Robocup Open / Robocup Brazil, CBR (Brazilian Robotics Competition, named in Portuguese), DBR (Brasiliense Challenge robots, named in Portuguese), Intelligent Robotics Challenge ENECA and weeks of engineering campus UNIP-DF;

Participation in events like SBPC (Brazilian Society to the Science Progress, named in Portuguese), SBAI (Brazilian Symposium Intelligent Automation, named in Portuguese), WEC (World Engineering Convention), ENECA (National Meeting of Automation & Control Engineers, named in Portuguese), Campus Party, Santos Offshore, Mechanic International Fair, SPS (Signals Processing Symposium) of Unicamp, ISA (Industrial Automation Seminary, named in Portuguese) of Campinas, UNICAMP Ventures and Brazil Automation.



Portfolio





Profile

Uákiti Pires

I have experience in the area of mechatronics, automation and control, robotics and software developing, with emphasis on embedded hardware, low-level programming, web and database programming. Acting in mainly with themes that involve project management, technology and innovation, industrial and educational robotics, creation of programs and systems automation.

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Professional Experiences

Maintenance Engineer – METROMAN Consortium;
Oct/2011 – Dec/2013.

Technical Support Supervisor – Group Embrapar/ROF Intel Brazil;
Oct/2010 – Oct/2011.

Trainee – Starvai Automação e Engenharia LTDA;
Apr/2010 – Jun/2010.

Junior Programmer – Infolog Tecnologia LTDA;
Jan/2006 – Aug/2010.



Academic

Graduate Student in M.S. degree in Electrical Engineering;
State University of Campinas - UNICAMP (2014/2).

Specialization in Project Management/PMBOK;
Faculty UniCESP (2013).

Undergraduate Student;
State University of Brasília - UNB (2008/2).

B.S. degree in Automation and Control Engineering (Mechatronics);
University Paulista campus UNIP-DF (2005/2010).



Projects

Maintenance Information Panel Developing – PIM (2012-2013);

Mobile Tracker Approval Max Block 3 (2011);

Humanoid Robot Developing (ROBO CUP 2010);

Soccer Robots Developing under the category F180 (ROBO CUP 2007 a 2010);

Airplane-model building (SAE Aerodesign 2008 to 2009);

Integrator Project – Grain separator (UNB 2008);

Scholar Management System Developing PlugEscola (2006 to 2010).



Knowledge, Competences and Specialties

Project and Process Management: PMBoK, SCRUM, Prince 2, BPM;

Maintenance Engineering: preventing activities programming, failure analysis, technical reports;

Robotics: industrial (robots MotoMAN) and educational (LEGO Mindstorms);

Industrial Automation: electrical commands, frequency inverters, PLC Simmens Step 7;

Residential Automation: environments' automation, CFTV, Artiere, Neocontrol, Digital Home SMS;

Hardware Developing: 8051, PIC, Arm7, Arduino;

Web Developing: Framework Joomla, HTML, CSS, Webmaster services;

Software Developing: UML, requirements gathering, Data Modeling, OO;

Programming Language: VBA, SQL, PLC Ladder Logic, PHP, ASP.NET, JavaScript, Java, C/C++;

Engineering Software: Auto CAD, Solid Works, Matlab, LabView, Simulink;

Data-Base: MySQL, Microsoft SQL Server 2000;

Office Package: Word, Excel, Power Point, Access, MS-Project



Free Courses

Fundamentals of mechatronics (SENAI-SP);

Welding maintenance (SENAI-SP);

Frequency Inverters and Converters (SENAI-SP);

Electrical Commands (SENAI-SP);

Industrial Robotics (SENAI-SP);

Auto CAD 2D (SENAI-SP);

Advanced Excel (SENAI-GO);

Introduction to programming PHP 5.3 with OO (X25);

Subway Traction System car Fleet series 2000 of Metro-DF (AQS Technology);

Subway Brake System car Fleet series 2000 of Metro-DF (AQS Technology);

NR-10 (BRA Courses);

PLC Simmens - Programmable Logic Controller (SENAI-GO);

Java Programming (X25);

Programming Logic (X25);

Technician Computer and Network Maintenance (MSD/SENAI).