

Vinícius Prado da Fonseca

CONTACT INFORMATION	<i>E-mail:</i> vncprado@gmail.com Laboratory of Applied Computational Intelligence Pontifical Catholic University of Rio de Janeiro PUC-Rio Rua Marquês de São Vicente, 225, Gávea Rio de Janeiro, RJ BRA - 22451-900	<i>Mobile:</i> +55 21 8372 1180 <i>Phone:</i> +55 21 3596 7719
AREAS OF INTEREST	Artificial Intelligence, Artificial Neural Networks, Smart House, Wireless Sensor Networks.	
ACADEMIC FORMATION	IME - Military Institute of Engineering , Rio de Janeiro, RJ BRA Master of Science, Systems and Computing, Jun 2013 <ul style="list-style-type: none">• Master thesis: <i>Location system to support a domestic assistant robot using RSS and ZigBee.</i>• Supervisor: Professor Paulo Fernando Ferreira Rosa, Ph.D.• Field: Smart Environments, Wireless Sensor Networks. UFT - Federal University of Tocantins , Palmas, TO BRA Bachelor of Science, Computer Science, December 2010 <ul style="list-style-type: none">• Final Project: <i>People Recognition by the Step Sounds Using ART Type Self-Organizing Neural Networks.</i>• Supervisor: Professor Rafael Lima de Carvalho, M.Sc.• Field: Artificial Intelligence, Smart Environments, Neural Networks.	
PUBLISHED PAPERS	FONSECA, V. P. ; Rosa, P.F.F. Indoors Object Location Protocol in a Smart Home. 2013. 39th Annual Conference of the IEEE Industrial Electronics Society, IECON 2013.	
ACCEPTED PAPERS	FONSECA, V. P. ; Rosa, P.F.F. Tracking Objects in a Smart Home. 2013. BRICS - CCI - Applications in Defense Systems Symposium, CBIC 2013.	
COMPLEMENTAR FORMATION	Paralell Programming with OpenCL e OpenACC. 2013. National Laboratory of Scientific Computing. (Course Load: 12h).	
PROFESSIONAL EXPERIENCE	Laboratory of Applied Computational Intelligence , Rio de Janeiro, RJ BRA Web Development 2013-09 - current <ul style="list-style-type: none">• Software Developer, Scheme: full time• Programming, Web development• week working hours: 40 Municipal Government , Palmas, TO BRA CIEE Internship program 2009-03 - 2009-09 <ul style="list-style-type: none">• Internship, Scheme: Partial• Programming, Web development, Data-Base Administration, Linux• Supervisor: Guilherme Ferreira• working hours: 30	

ORAL PRESENTATIONS	Project NVant Workshop - FUNPEC 2012. (Seminar) Workshop N-VANT Communication and telemetry in the project UAV - IME.
	II Academic Week of Computer Science , 2008. (Seminar)
	SL100Limites. National Week of Computer Science 2008. Science and Open Source Software.
	Django, Agile Web Development 2008.
CONFERENCE SERVICE	FISL - 9th International Free Software Forum. 2008. Theme Coordinator: - Proposal of a Methodology for Software Migration to Free Software Owner Focused User.
EVENT PARTICIPATION	Viva o Linux Day III (VOL Day III) , 2012. Arduino as a Mechanism for an unmanned aircraft control.
	Project NVant Workshop - FUNPEC , 2012. Workshop N-VANT Communication and telemetry in the project UAV - IME.
	XI ENCOINFO - Students Meeting of Tocantins Informatics , 2009.
	II Academic Week of Computer Science , 2008.
	JavaTODay e NetBeansTODay Meeting , 2008. (Encontro)
	IV South American Conference on Science and Technology Applied to Electronic Government , 2007. (Conference)
LANGUAGES	Portuguese - Native.
	English - Understands Well, Speaks Reasonably, Read Well, Write Well.
	Espanhol - Understands Reasonably, Reasonably Reads.
SOFTWARES AND HARDWARE SKILLS	Programming Languages: <ul style="list-style-type: none"> • C, C++, Python, Java, C#, UNIX shell scripting, JavaScript, SQL, MATLAB, Octave. • Arduino Hardware Prototyping Platform.
	Computer Networking: <ul style="list-style-type: none"> • Networks (UDP, TCP, ARP, DNS, Dynamic routing), Linux Servers (Apache, SQL, POP, IMAP, SMTP). • Wireless Networks (XBee, ZigBee radio modules).
	Productivity: <ul style="list-style-type: none"> • \LaTeX ($\text{\L\AA T_{E}X}$, $\text{\BIB T_{E}X}$, PSTricks). • Libre/MS Office Suites.
	Operating Systems: <ul style="list-style-type: none"> • Linux, Microsoft Windows, BSD, e other Unix variants.
CONTACT REFERENCES	Paulo Fernando Ferreira Rosa - Ph.D.
	e-mail: rpauloime@gmail.com
	Phone Number: +55 21 3820-4197
	<ul style="list-style-type: none"> • Professor, Military Institute of Engineering, Defense Engineering Section ◊ Praça General Tibúrcio 80, Praia Vermelha 22290-270 - Rio de Janeiro, RJ - Brasil ★ <i>Professor Paulo Rosa was my Masters advisor.</i>