

Pedro Osandy Alves Matos Júnior

- CONTACT INFORMATION *E-mail:* poamj [at] cin.ufpe.br / osandy [at] gmail.com
WWW: www.cin.ufpe.br/~poamj
- OBJECTIVES Constant improvement of me and everything around, and dealing with challenging problems.
- EDUCATION **M.S. Candidate, Computer Science.** Since April, 2006
Informatics Center. Federal University of Pernambuco, Recife-PE, Brazil
Thesis Topic: “Analysis of Techniques for Implementing Software Product Lines Variabilities”
Advisor: Paulo Borba
- B.S., Computer Science,** April, 2006
Informatics Center. Federal University of Pernambuco, Recife-PE, Brazil
GPA: 8.6/10.0 (grade/max)
- INTEREST AREAS
- Software Development, Engineering and Testing
 - Programming Languages
 - Software Product Lines
 - Object–Oriented Programming
 - Aspect–Oriented Programming
- PROFESSIONAL EXPERIENCE **Samsung Research and Development Project in cooperation with Informatics Center. Federal University of Pernambuco, Recife-PE, Brazil**
Software Engineer Intern **August, 2005 - March, 2006**
Development of software for mobile devices.
Technologies: JAVA (J2ME), C/C++, QUALCOMM BREW, C#
- PROGRAMMING LANGUAGES
- JAVA (J2SE and J2ME) (*Advanced*)
 - AspectJ (*Advanced*)
 - C (*Medium*)
- EXTRA-CURRICULAR ACTIVITIES *Member of the SPG Research Group* **Since August, 2003**
Research topics: Software Product Lines; Aspect–Oriented Programming.
<http://www.cin.ufpe.br/spg>
- Undergraduate researcher - Scholarship by FACEPE / Brazil* **August, 2003 - July, 2005**
Research topics: Software Product Lines; Aspect Oriented Programming.
Advisor: Paulo Borba
- ACM-ICPC Contestant for UFPE* **2002 – 2003**
Honorable Mention on the 2003 South American Step (UFPE-PMG Team).
- Teaching Assistant* **2002 - 2003**
Subject: Introduction to Programming
Professor: Paulo Borba
- LANGUAGES
- Portuguese (*Native Speaker*)
 - English (*Advanced*)

CERTIFICATES

- Sun Certified Java Programmer (SCJP), December 2007. *Sun Microsystems*
- First Certificate in English (FCE), 2003. *Cambridge University, UK*

MILITARY STATUS I am allowed to leave my country to work and live in another country.

SCIENTIFIC PUBLICATIONS

Márcio de Medeiros Ribeiro, Pedro Matos Jr, and Paulo Borba. A Decision Model for Implementing Product Lines variabilities. In ACM Symposium on Applied Computing 2008. *Short paper/Poster Note: To Appear.*

Vander Alves, Pedro Matos Jr, Leonardo Cole, Alexandre Vasconcelos, Paulo Borba, and Geber Ramalho. Extracting and evolving code in product lines with aspect-oriented programming. Transactions on Aspect-Oriented Software Development (TAOSD): Special Issue on Software Evolution, 2008.

Márcio de Medeiros Ribeiro, Pedro Matos Jr, Paulo Borba, and Ivan Cardim. On the modularity of Aspect-Oriented and other Techniques for Implementing Product Lines Variabilities . In I Latin American Workshop on Aspect-Oriented Software 2007.

Pedro Matos Jr, Rafael Duarte, Ivan Cardim, and Paulo Borba. Using design structure matrices to assess modularity in aspect-oriented software product lines. In 1st Workshop on Assessment of Contemporary Modularization Techniques (ACoM'07), in conjunction with the 29th International Conference on Software Engineering (ICSE'07), Minneapolis, USA, May 2007.

Vander Alves, Pedro Matos Jr., Leonardo Cole, Paulo Borba and Geber Ramalho. Extracting and Evolving Mobile Games Product Lines. In Proceedings of the International Software Product Line Conference (SPLC'05), Rennes, France, September 2005, volume 3714 of Lecture Notes in Computer Science, pp. 70–81.

Vander Alves, Pedro Matos Jr. and Paulo Borba. An Incremental Aspect-Oriented Product Line Method for J2ME Game Development. OOPSLA'04 Workshop on Managing Variability Consistently in Design and Code, 2004, Vancouver, Canada.

TECHNICAL PUBLICATIONS

Antônio Cavalcanti Jr and Pedro Matos Jr. An Introduction to BREW. In Web Mobile magazine, Brazil, 2006. Note: *In Portuguese.*