Alvaro H. Mamani Aliaga
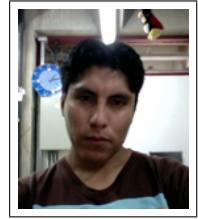
Master Student in Computer Science

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Personal Information

Name	Alvaro Henry Mamani Aliaga
Nationality	Peruvian
URL	*http://www.ime.usp.br/~alvaroma/*

Education

2009–Actually	**Master Student in Computer Science**, *Institute of Mathematics and Statistics - University of São Paulo*, São Paulo-Brazil, *Master Student*. I'm a master student My master thesis is about Grid Scheduling environments and Scheduling Algorithms
2001–2006	**Bachelor in Computer Science**, *National University of San Agustín* , Arequipa-Perú, *Bachelor*. Bachelored in 2007

Master thesis

title	*Comparative study of scheduling strategies for grid computing applications*
supervisors	Alfredo Goldman
description	Currently the importance of the environment of grid computing is growing. Many applications need large processing power, one solution to this problem is grid computing. In the scope of the grid, one major challenge is scheduling, to achieve a good performance in the execution time of parallel and sequential applications.We analyze the performance of scheduling algorithms for parallel and sequential applications.

Experience

Vocational

2009	**Developer**, *DCC-IME/USP*, São Paulo-Brazil. I worked on the Mezuro project, in a course called Free Software Development
2009	**Developer**, *DCC-IME/USP*, São Paulo-Brazil. I worked on the Integrade project, in a course called eXtreme Programming
2008	**Developer Java**, *Global System and Consulting*, Arequipa-Perú. I have skills to develop on Java Platform J2SE, J2EE. I worked on project called GlobalTour. I also worked on project called "Plataforma de Operaciones On-Line para microfinancieras" is about HomeBanking for microfinances

2007	**Developer of a Cluster - High Performance Computing (HPC) - Globus Toolkit**, *University of San Agustín*, Arequipa-Perú.
	The CYTEDGRID's project goal is to have a big set of applications and resources in any part of the world to user the GRID technology

Languages

Spanish	**Native**	
Portuguese	**Very Good**	*Fluent read, speak and write*
English	**Good**	*Fluent read, I can understand, speak and write*

Computer skills

OS	Linux, Unix, Mac OS		Administration	Apache, Tomcat
IDE	Eclipse, Netbeans		scripting	perl, Shell, javascript
Programming	Java, C/C++		typography	LaTeX
web design	XHTML, CSS, AJAX		database	MySQL, PostgreSQL

Interests

Programming	I am a programming fan, since my first language (C++) at the seventeen years old.
Programming	I love to learn new methods to develop software. I found exciting eXtreme Programming and agile methods.
Open source	I am a fan of the open source. The majority of software that I use is FREE.
Knowledge	I like to learn things about my career and others.
Travelling	I loke to know new people, cultures and places. Actually I am in Brazil :)

Research Interests

+ Algorithm's Analysis
+ Object Oriented Programming
+ High Performance Computing
+ Scheduling Algorithms
+ Grid Simulation
+ Parallel Tasks