# LUCAS PIVA ROCHA CORRÊA

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## Interests

Algorithms, Databases, Software Design/Architecture, Search Engines, Web Development, Distributed Systems, Data Mining.

## Education

**University of São Paulo (USP), São Paulo, Brasil**                      2010 - 2012 (expected)
Master in Computer Science.
Project: CHOReOS - Large Scale Choreographies for the Future Internet.

**University of São Paulo (USP), São Paulo, Brazil**                      2006 - 2010
Bachelor in Computer Science.

**Research Scholarship, University of São Paulo, São Paulo, Brazil**      Nov/2008 - Oct/2009
Research Area: Computational Geometry.
Scholarship: National Council for Scientific and Technological Development (CNPq).

## Accomplishments

**Facebook HackerCup** Round 2, 2011.
**Google Code Jam** Semi-Finalist, 2009.
**ACM - International Collegiate Programming Contest** South America/Brazil Finalist, 2008.

## Experience

**Software Developer, Opus Software, São Paulo, Brazil**                  May/2010 - January/2011
- Worked on a highly available web application for a bank's call center with an estimated load of 1500 users.
- Ported banking services to an Android tablet to speed up customer service.
  **Technology:** Java EE, JSF, Javascript, Oracle.

**Intern, Opus Software, São Paulo, Brazil**                             Feb/2010 - Apr/2010
- Study of Java EE technology, mainly JavaServer Faces.
- Developed a web application for a touch screen kiosk to fetch data from a SQL Server, build and report statistics on the use of a system.
  **Technology:** Java, JSF, JFreeChart, SQL Server, JDBC.

**Teaching Assistant, University of São Paulo**                          Aug/2009 - Dec/2009
Course: Introduction to Algorithms.

**Teaching Assistant, University of São Paulo**                          Feb/2009 - Jun/2009
Course: Graph Algorithms.

**Network Administrator, University of São Paulo**                       Mar/2007 - Feb/2009
- Administrated a Linux network of approximately 70 computers and 1000 users.
- Created and maintained shell and perl scripts for network management and monitoring.
- Responsible for migrating the servers to virtual machines.

## Technical Skills

**Programming:** C/C++, Java, Perl, Shellscript, SQL.
**Internet Technology:** UML, XML, Web Services.
**Software:** Eclipse, JBoss, TomCat, MySQL, Oracle, Ant, JUnit, CVS, SVN.
**Operating Systems:** Windows (desktop), Unix/Linux (desktop and server).

## Languages

**English** (Fluent), **Spanish** (Basic), **Portuguese** (Native).