

Kristina M. Lim

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INTERESTS

Interested in mathematics and computer science research, web-based and desktop software development, UNIX systems administration, and network engineering.

SKILLS

Expertise: Web-based application development, systems administration, and network engineering.

Programming Languages: Significant experience with Ruby, shell scripting, and Javascript. Comfortable with C, PHP, C++, Java (J2SE, J2EE), and Lisp. Have written in Perl, Pascal, Haskell, and Brainfuck.

Databases: Have developed systems that use PostgreSQL and MySQL.

Technology and Methodology: Have worked intimately with Ruby and the Rails platform. With considerable experience with systems administration (GNU/Linux) and network engineering. Prefer working on GNU/Linux and other UNIX-based systems.

Comfortable with lengthy documentation and online resources. Resourceful, creative, and proactive. Excellent language and technical documentation skills.

EDUCATION

Bachelor's Degree, Computer Science (2007)
Ateneo de Manila University

Secondary School Diploma (2003)
Intel Excellence in Research Award; Mercury Drug Award for Mathematics; Best in Mathematics Award; Director's Lister
Philippine Science High School – Western Visayas Campus

Grade School Diploma (1999)
Valedictorian; Best in Mathematics Award; Outstanding Student Award
Saint Joseph Grade School

CURRENT POSITION

Software Architect at Syndeomedia
Software Engineer at Exist Global, Inc.
Software Engineer at G2iX

Start of Employment: September 3, 2007

Job Description: Worked with the team in building and deploying both in-house and outsourced innovative web-based applications. Research on existing solutions and technologies, and release of some Rails plugins have been done in the duration.

EMPLOYMENT HISTORY

- Project Name: Ateneo Cervini-Eliazo Networking Team
- Job Description: Systems and Network Administrator
March 2004 - March 2007
- Responsibilities: Served as the head systems and network administrator, and developer. Maintenance and development of the core services, infrastructure, and security of the network was performed. Among major changes introduced were a secure DHCP addressing system, and a web-based network user registration, Internet access subscription, and account management interface. Training of prospective systems administrators was also done.
- Project Name: Ateneo Campus Network Group
- Job Description: Developer and Researcher
April 2006 - November 2006
- Responsibilities: Served as a web developer, and a network and systems researcher. Tasks involving subscriber account management, network service authentication, firewalls, and proxy servers were performed.
- Project Name: Ateneo Cervini-Eliazo Networking Team
- Job Description: Technical Head
August 2003 - March 2004
- Responsibilities: Served as a technical head responsible for physical maintenance of the information technology infrastructure within the residence halls. Included in the tasks were repair of problematic network links, setting up of computer terminals, and basic systems troubleshooting.
- Project Name: Alternative Class Program 2004 Online Registration System
- Job Description: Web Developer
June 2004 - November 2004
- Responsibilities: Participated in the development of the online registration system for Ateneo de Manila University's Alternative Class Program.

AWARDS RECEIVED

- Inter-C Programming Competition (2006)
Third Place
- Metrobank-MTAP-DepEd Math Challenge, National Level (2003)
Second Place, Individual Category; Third Place, Team Category
- Intel Philippine Science Fair (2003)
Best in Computer Use Award; National Finalist
- International Inter-City Mathematics Competition (2002)
Merit Awardee

3rd Primary Mathematics World Competition (1999)
First Place

Philippine Mathematics Olympiad (2002)
National Finalist

Philippine Science High School Entrance Examination (1999)
National Agham Awardee; Regional Topnotcher

Ateneo de Manila University Scholarship Grant (2003-2007)

DOST-SEI Merit Scholarship Qualifier (2003)

TALKS AND LECTURES

Lecturer. Advanced Problem Solving in Mathematics. Intensive Summer Training Program, Mathematics Trainers' Guild. Iloilo City, 2003.

Lecturer. Advanced Problem Solving in Mathematics. Workshop, Mathematics Trainers' Guild. Bacolod City, 2002.

Guest Speaker. Inspirational Talk. Opening Ceremony, Math Circle. University of the Philippines in the Visayas, 2001.

Guest Speaker. Inspirational Talk. Science Week Opening Ceremony, Mathematics Club. Iloilo National High School, 2000.

Lecturer. Advanced Problem Solving in Mathematics. Workshop, Mathematics Trainers' Guild. Iloilo City, 2000.

Guest Speaker. Inspirational Talk. Workshop Opening Ceremony, Mathematics Trainers' Guild. Iloilo City, 2000.

PUBLICATIONS

K. Lim. "Prediction of Stock Price Movements through an Artificial Neural Network". Ateneo de Manila University, Quezon City, Philippines, March 2007.

C. Lim, K. Lim and R. J. Maranon. "Effect of Temperature on Work Output, Cost of Air-Conditioning and Profit". Philippine Science High School - Western Visayas, Iloilo City, Philippines, March 2003.

C. Lim, K. Lim and R. J. Maranon. "Peak Finder: Mathematical Modeling of the Work Output, Cost of Air-Conditioning and Profit as a Function of Temperature". Intel Philippine Science Fair, Quezon City, Philippines, February 2003.

ORGANIZATIONS AND POSITIONS HELD

The Computer Society in the Ateneo
Assistant Vice President for External Affairs (2005-2006); Member (2003-2007)

Ateneo Cervini-Eliazo Networking Team
Head Systems Administrator (2004-2007); Wing Technical Head (2003-2004); Member (2003-2007)

Mathematics Club, Philippine Science High School - Western Visayas
President (2002-2003); Vice President (2001-2002); Member (1999-2003)

Computer Club, Philippine Science High School - Western Visayas
Vice President (2001-2002); Member (2001-2002)

COMMUNITY WORK

Volunteer. Aghamunti 2005, Ateneo Science Guild, Ateneo de Manila University. Quezon City, 2005.

Volunteer. IT Literacy Training for Public School Teachers, Department of Information Systems and Computer Science, Ateneo de Manila University. Quezon City, 2006.