LONG L. HO

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EDUCATION

LAFAYETTE COLLEGE   **Easton, PA**
Bachelor Of Arts in Computer Science and Mathematics, expected May 2010
Computer Science GPA: 3.81, Mathematics GPA: 3.67, Cumulative GPA: 3.68
Honors: Dean's List, Pi Mu Epsilon, Upsilon Pi Epsilon, Phi Beta Kappa
Relevant Coursework: Probability, Statistics, Math Modeling, Real Analysis, Database Management Systems, Networks, A.I.

SKILLS

Database: Apache Tomcat, PSQL
Operating Systems: Microsoft Windows, Linux Ubuntu, Mac OS X
Software: Adobe Photoshop, Audition, Dreamweaver, Microsoft Office Suite, VMWare, Mathematica, LaTeX
Programming Languages: Java, JavaScript, Python, Objective-C
Libraries: Qt4, iPhone SDK 3.0, jQuery, J2EE, J2SE
Language skills: Fluent English, native Vietnamese, basic Japanese

RESEARCH EXPERIENCE

LAFAYETTE COLLEGE COMPUTER SCIENCE DEPARTMENT   **Easton, PA**
EXCEL Research Scholar   *Summer 2008, 2009*
- Created a software that simulates urban areas on Google Earth using various KML house models, patterns and Urban Planning algorithm
- Built a graphical user interface layered on top of a 3D computational arts rendering engine to increase usability of the program
- Coordinated with multiple teams of students and professors and gained insight knowledge on Art, Architecture and Computer Science
- Authored a paper submitted to NSF and deployed software for classroom use and art exhibition

LAFAYETTE COLLEGE MATHEMATICS DEPARTMENT   **Easton, PA**
EXCEL Research Scholar   *Spring 2007 – Fall 2007*
- Analyzed the neural control in early fish fast-start performance by constructing a mathematical model of non-linear differential equations, and collecting and applying biological data from related research publications
- Presented research finding at the Society for Integrative and Comparative Biology Conference, January 2008 and Biology Department, Vassar College, Fall 2007

RELEVANT EXPERIENCE

SPECIAL COLLECTIONS, SKILLMAN LIBRARY   **Easton, PA**
MetaDB Web Developer   *Spring 2009- Present*
- Selected to provide solutions for managing multiple databases of high resolution images along with their metadata
- Construct and design the next version of MetaDB, a web application that keep track of images' status and workers' progress.
- Presented project at an Association for Computing Machinery talk and submitted open-source codes to Google Code

MICROSOFT CORPORATION   **Redmond, WA**
Extern   *January 2008, 2009*
- Acquired insight experience and knowledge of the software industry through job shadowing experience
- Attended meetings and conferences within the corporation among different divisions and departments

LEADERSHIP ACTIVITIES AND ACHIEVEMENTS

LAFAYETTE DANCE CR3W   **Easton, PA**
Co-Founder, Co-Captain   *Fall 2008 –Present*
- Organized performances, community service and hip-hop classes in order to raise awareness about hip-hop culture
- Won 1st prize in Synchromotion "So You Think You Can Dance" Contest, December 2007
- Won 2nd prize in Synchromotion "So You Think You Can Dance" Contest, December 2008

INTERNATIONAL STUDENT ASSOCIATION   **Easton, PA**
Head International Peer Advisor   *Fall 2008 –Spring 2009*
- Managed a group of three International Peer Advisors and organized the International Student Orientation
- Assisted the Information Coordinator in re-designing and maintaining ISA website
- Organized philanthropy activities including talks and Ten Thousand Villages product sale