

Christopher David Luna

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Education

Massachusetts Institute of Technology

Cambridge, MA

Class of 2012 ; GPA: 4.0 / 5.0

August 2008 – present

Major: Brain and Cognitive Sciences

Memberships: Phi Beta Epsilon Fraternity, Lecture Series Committee, Camp Kesem Program-
ming Counselor, Association of Taiwanese Students, Leadershape 2009, Freshman Leadership
Program, MIT Innoworks Technology Consultant.

Patuxent High School

Lusby, MD

Class of 2008 ; GPA: 4.0 / 4.0

August 2004 – June 2008

- First student to enroll and excel in 15 AP Courses starting in sophomore year by successfully petitioning for the removal of age-requirement on the classes.
- Founded student groups, the *Entrepreneur's Society* and *Robotics and Engineering Club*.
- Replaced high school teacher to teach, *Programming in Java*, class of 14 of various class years.

Experience

MIT Undergraduate Research Opportunity Program (UROP)

Cambridge, MA

Robert R. Taylor Network, Inc.

MIT Center for Educational Computing Initiatives

Research Intern

July 2009 – Present

- Research and propose a multi phased technology roadmap.
- Collaborate with the CEO on the technology and business solution.
- Propose and implement a new virtual hosting strategy of 3 separate domains comprising an integrated .org, .com, and .net web ecosystem.
- Aggregate open source applications into novel software platform, cloud network, and Software as a Service ecosystem.
- Prototype and deliver the corresponding software toolkit of APIs for partners and developers.
- Document all technical work into a comprehensive reference bible.
- Co-train, -mentor, and -lead approximately 12 team members.
- Interface with more than 25 Technology Business Partners and a 14 member Professional Technology Advisory Council.

The Genesis Group

MIT Computer Science and Artificial Intelligence Laboratory

Research Intern

June – August 2009

- Collaborated with Patrick Henry Winston and the Genesis Group researchers to program and teach the Gauntlet Artificial Intelligence computer program how to store and retrieve concepts like a human.
- Compiled data about patterns in concept description and schemas by humans.

Constellation Energy Group, Inc.
Mechanical Engineering Intern

Calvert Cliffs Nuclear Power Plant
Weekly; October 2007 – March 2008

- One of 12, accepted out of a pool of 50 invited applicants from 4-6 state schools, into local mentorship program.
- Researched and proposed solutions for a method of measuring waterflow area in coolant pipes and issues with safety during site construction, under guidance of a senior engineer.
- Interfaced with US and German contractors on a nuclear casing construction project.
- Earned an Exceptional Performance Rating at the level of a professional engineer.

Eminence Web Technologies, LLC
Business Owner

Lusby, MD
June 2007 – August 2008

- Personally founded, owned, and managed a Web Design Business, which specialized in fast, simple, small scale websites built with Ruby on Rails, targeted at local startups.
- Hired and educated two high school students in business and web design technologies. Delivered four websites: A carnival catering site, a child psychology day care site, a car-oriented blog, and a college access network home site.
- Generated \$5000 in total annual revenue.

SMARTCO, Neighborhood, Patuxent High School
Volunteer

Lusby, MD
January 2000 – August 2008

- Repair, assemble, and refurbish broken or old computers for donation to schools or additions to personal computer lab.
- Deploy LAMP servers, evaluate network security, establish local area networks and servers, and program websites.

Skill Set

Software:

Java	Javascript	Tomcat	C/C++	Python	Perl
Ruby	Ruby on Rails	PHP	MySQL	PostgreSQL	XML
Atom/RSS	HTML	CSS	AJAX	Java Servlets	Ubuntu
Debian Linux	RedHat Linux	Windows XP/Vista/7	Mac OS X		

Applications:

Microsoft Office, OpenOffice.org, Eclipse (and assorted plug-ins), LaTeX, Aptana, RadRails, Google Web Applications, Mozilla Firefox, Mozilla Thunderbird, TextMate, NetBeans IDE, Microsoft Visio, OmniGraffle, Dia, GIMP, Photoshop CS3

Interests:

Writing small computer scripts ; Constructing and repairing computers ; Reading biographies, philosophy, psychology, neuroscience, and self-improvement books ; Collecting classic books such as *Plutarch's Lives* and Aristotle's *Nicomachean Ethics*.