

Lawrence Lin Murata

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Education

- Stanford University**, Stanford, CA 9/13-present
- Pursuing BS degree in Computer Science (focus on Artificial Intelligence) and Electrical Engineering minor
 - Coursework includes introduction to Machine Learning, Computer Organization and Systems (C, Assembly, C++), Computer Systems (C, C++), Programming Methodology (Java), Programming Abstractions (C++), iOS Development (Swift, Objective-C), Web Apps (JavaScript, HTML, CSS), HCI and Design (Java, HTML, CSS), Nano/Micro Engineering (practical projects)
- University of São Paulo (USP)**, São Paulo, Brazil 2/13-4/13
- Computer Engineering. Dropped out to go to Stanford. Class Representative
- Colégio Bandeirantes**, São Paulo, Brazil 2/10-12/12
- Focus: Science/Mathematics. Rank: 1 / 520 – GPA: 9.5/10 – SAT: 2350 (Math 2: 800/ Chem: 790/ Phys: 760)
 - University-level courses: Advanced Mathematics, Advanced Chemistry, Programming (C, C++), prep courses for Science Olympiads

Honors/Awards

- **"Best Commerce Hack" by eBay/PayPal** at Cal Hacks, "largest-ever hackathon of any kind." Competed with 1500+ hackers (2014)
- **Featured by INFO, the biggest tech magazine in Brazil**, on a 6-pages article about my projects and ideas (2014)
- **1st place at Trove Hackathon**. Competed with all the engineers in the company (2014)
- **Merit-based scholarship** for college (\$50,000) by renowned businessman, Fundação Estudar (founded by richest man in Brazil; most prestigious scholarship in country) and BTG Pactual (multinational investment bank)
- **Featured by 15+ news sources**, including Yahoo Notícias, Exame (biggest business magazine in Brazil), UOL, Estadão Newspaper (2nd most popular Brazilian newspaper) and US Embassy in Brazil
- **Brazilian Physics Olympiad** – Finalist, Honorable Mention (2012)
- **Writers' Festival** – 1st place/Gold Medal (2012)
- **São Paulo Chemistry Olympiad** – Finalist, text published by University of São Paulo as model (2011)
- **Brazilian Olympiad in Informatics** – Top 15% (2010)

Experience

- Apple Inc.**, *Software Engineering Intern (Summer)*, Cupertino, CA present
- CS+Social Good**, *President and Co-founder*, Stanford, CA 12/14-present
- Stanford's first student organization focusing on the intersection of Computer Science and social change
- OneTune.fm** (music startup), *Co-founder*, San Francisco, CA 7/14-present
- Managing team of 4. Working in every area including development, product, marketing and business
 - Backend built with node.js and frontend with jQuery and CSS. iOS app in Objective-C
 - 1500 registered users in first 2 hours of public exposure. OneTune 1.0 got to front page of Reddit on launch day
- Washington Post Group (Trove team)**, *Software Engineering Intern (Summer)*, San Francisco, CA 6/14-9/14
- Implemented advanced search feature that offers more alternatives and flexibility for users than Google's advanced search
 - Worked with Python, Whoosh, Solr in the Platform/Backend team. Rewrote/designed the entire search query language (with its syntax and search system) and integrated it in the company's search
 - Won 1st place in company's hackathon by seamlessly integrating Trove with music and videos from Soundcloud and Youtube. Created a music/video system with strong human element (encouraging curation) that'll be used as a new feature
- SELA**, *Head of Business/Board Member*, Stanford's group for entrepreneurship in Latin America 9/13-9/14
- Oversaw marketing, managed activities, developed projects and organized conferences
- Apoie Um Talento** (education startup), *Co-founder/CEO*, São Paulo, Brazil 3/13-6/14
- Helped talented Brazilian students find sponsors for educational opportunities in the USA through crowd funding and sponsorship
 - Raised R\$367,095.09 for scholarships in 4 months. Featured in most popular news sites, magazines, newspapers, TV programs. Partnership with BTG Pactual and Fundação Estudar

Some Independent Projects

- **SmartBox**: web-based personal assistant. It processes language, recognizes voice and measures your brain activity (through our hardware that measures your body's resistance) to understand your needs and connect you to the appropriate service
- **Nano-Engineered Chips for Wearable Computers**: prototypes for flexible chips for wearable devices using polyamide substrates (for flexible boards) with metal circuits (E-Beam Evaporation)
- **Heap Allocator**: optimal C Heap Allocator from scratch. Manages heap memory and implements dynamic allocation functions. Efficient memory management with optimal balance of utilization and throughput
- **iMous**: lets people use their keyboard and mouse by tracking their eye movements with image processing/computer vision
- **Intelligent Encoding Robot**: smart encoding software to encode/decode any file in the most efficient way possible based on user's feedback and data it stores after encoding a file with Huffman algorithm

Additional Information

- Fluent in Spanish and English, native speaker of Portuguese, intermediate skills in Mandarin, beginning skills in Japanese
- Writing/speaking about technology and startups on The Stanford Daily and Estudar Fora (the website gained 1.5 million views in very short time). Also a Kairos Society Fellow and member of The Garage in Pejman Mar Ventures.