Lawrence Lin Murata

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Education

9/13–present **Stanford University**, Stanford, CA
- Pursuing BS degree in Computer Science (focus on Artificial Intelligence) and Electrical Engineering minor.
- Coursework includes Programming Methodology (Java), Programming Abstractions (C++), Computer Organization and Systems (C, Assembly, C++), Computer Systems (C, C++), iOS Development (Swift), Web Apps (JavaScript, HTML, CSS), HCI and Design, Nano/Micro Engineering (practical projects)

2/13–4/13 **University of São Paulo** (USP), São Paulo, Brazil
- Computer Engineering dropout. Class Representative

2/10–12/12 **Colégio Bandeirantes**, São Paulo, Brazil
- Focus: Science/Mathematics. Rank: 1 / 520 – GPA: 9.5/10 – SAT: 2350 (Math 2: 800/ Chem: 790/ Phys:760)
- University-level courses included Advanced Mathematics, Advanced Chemistry, Programming (C,C++) and preparatory courses for Science Olympiads

Honors/Awards

- "**Best Commerce Hack"** by eBay/PayPal** at Cal Hacks, the "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. First and only recipient (2013)
- **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
- **Scholarship for college** by Fundação Estudar (founded by richest man in Brazil; most prestigious scholarship in country) and BTG Pactual (multinational investment bank)
- **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 Programming Olympiad** – Top 15% (2010)

Experience

7/14-present **Co-founder**, OneTune.fm (music startup), San Francisco, CA
- Managing team of 4. Work in every area including development, product, marketing and business.
- Backend built with node.js and frontend with jQuery and CSS. Native iOS app.

6/14–9/14 **Software Engineering Intern (Summer)**, Trove, San Francisco, CA
- Work with Python, Whoosh, Solr in the Platform/Backend team. Rewrote/designed a 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.

9/13–9/14 **Head of Business/Board Member**, SELA, Stanford's group for entrepreneurship in Latin America
- Oversee marketing, manage activities, develop projects and organize conferences

3/13–6/14 **Founder/CEO**, Apoie Um Talento, São Paulo, Brazil
- Startup that helps 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:** 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.org:** 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
- I write and speak about technology and startups on The Stanford Daily and Estudar Fora (the website gained 1.5 million views in very short time). I'm also a Kairos Society Fellow and member of The Garage in Pejman Mar Ventures.