

FERNANDO TRUJANO

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA · June 2017

Candidate for Bachelor of Science in Computer Science and Electrical Engineering

Related Coursework: 6.005 - Software Construction · 6.006 - Algorithms I · 6.046 - Algorithms II
6.042 - Mathematics for Computer Science · 6.004 - Computational Structures

Harvard Summer School

Cambridge, MA · Summer 2012

Computer Science

Guthrie Center for Excellence

Houston, TX · 2009-2013

Advanced Digital Filmmaking

WORK EXPERIENCE

Slide · *Software Engineering Intern*

New York, NY · 2015-present

- Focused on developing the web application core with React.js, Redux and GSAP

Sibzy · *Co-Founder*

Cambridge, MA · 2013-2014

- Founded a startup in locally-sourced, custom, made-to-order food delivery. www.sibzy.com
- Designed and built frontend, assisted with Django backend. Participated in StartIAP Startup Accelerator 2014

MIT Media Lab · *Undergraduate researcher*

Cambridge, MA · Spring 2014

- Maintained current LightByte system - an interactive sun pixel display with over 400 individually controlled shutters
- Implemented server connections/real-time streaming features to support remote interactions through a web interface
- Expanded Android application and produced websites, graphics and videos to showcase various research projects

MIT EECS Department · *Undergraduate Lab Assistant*

Cambridge, MA · Spring 2014

- Worked with staff/professors to prepare design labs for 6.01 - Intro to EECS
- Assisted students with basic OOP and algorithm concepts and helped debug circuits

Harvard Student Agencies · *Web Developer Intern*

Cambridge, MA · Summer 2012

- Implemented combination of HTML, CSS, jQuery and Liquid.
- Built and designed "The Harvard Shop's" custom order, request a quote and portfolio pages

PROJECTS

Pebble Custom Workout Timer · *C, Javascript, PHP, HTML/CSS/jQuery*

Houston, TX · Summer 2014

- Created Pebble-guided custom workout app with input from phone or computer. Used by over 5500 users in 100+ countries

Underwater Robotics · *Arduino, C*

Houston, TX · 2012-2013

- Designed, built, programmed, and troubleshooted an underwater ROV for MATE ROV. Team of three.
- Robot featured a metal detector, 3D compass, manipulator, measuring device and a visual control station

AfterEffects Scripting · *Adobe ExtendScript*

· 2012-2013

- Developed AudioSyncR - After Effects script for semi automatic audio syncing for use with typography music videos

Filmmaking and Motion Graphics ·

· 2008-Present

- Produced videos with over 200,000 views on YouTube. See portfolio at www.fernandotrujano.com

LEADERSHIP

MIT Sigma Phi Epsilon · *Rush Chair*

· Summer and Fall 2014

- Organized, planned and executed over 25 events with a budget of \$8,000
- Coordinated 25+ brothers and oversaw all aspects of recruitment

SKILLS

- **Technical:** Java, Python, Node.js, HTML, CSS, Javascript/jQuery, ExtendScript, Arduino
- **Programs:** After Effects, Photoshop, Final Cut Pro X
- **Non-technical:** Fluent in English and Spanish, Instruments: French Horn and Mellophone

HONORS AND AWARDS

- 2011: 1st place in Business Professionals of America Financial Math and Analysis
- 2011: 2nd place in Business Professionals of America C++ Programming Competition + State Qualifier