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: 6.857 - Computer and Network Security · 6.033 - Systems Engineering · 6.034 - Artificial Intelligence
6.042 - Mathematics for Computer Science · 6.004 - Computational Structures · 6.170 - Software Studio
6.005 - Software Construction · 6.006 - Algorithms I · 6.046 - Algorithms II · 6.813 - UI Design

WORK EXPERIENCE

Synack · *Software Engineering Intern*   Redwood City, CA · Summer 2016
· Selected to be a KPCB engineering fellow (~3% acceptance rate) at Synack
· Developed tools for automatic detection of common web security vulnerablities for the Hydra Intelligence Platform

Disney Interactive · *Software Engineering Intern*   Glendale, CA · Winter 2016
· Worked with the mobile team to develop a second screen interactive experience for Disneyland's 60th aniversary special
· Implemented *Made with Magic* technology using C++ to deliver an interactive experience that syncs directly to the show

LinkedIn · *Web Developer Intern*   Mountain View, CA · Summer 2015
· Developed elegant and efficient code on a large codebase for 380M+ users
· Worked on a new front facing product as part of the growth team using Play/Java, Javascript and HTML/CSS

Slide · *Software Engineering Intern*   New York, NY · Winter 2015
· Focused on developing the web application core with React.js, Reflux and GSAP
· Implemented an advanced card parser and account pages with smooth transition animations for optimal user experience

Sibzy · *Co-Founder*   Cambridge, MA · 2013-2014
· Founded a startup in locally-sourced, custom, made-to-order food delivery
· 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 course
· Assisted students with basic OOP, algorithm concepts, and helped debug circuits

PROJECTS

Asterisks · *Node.js, Express.js, MongoDB, PHP, HTML/CSS/jQuery*   Mountain View, CA · Summer 2015 - Present
· Developed a chrome extension that allows friends to easily and securely share internet accounts without sharing credentials
· Built the backend in node.js and frontend of extension in HTML/JS/CSS. Created internal tools for logging and debugging
· Won 1st place at LinkedIn's bay area intern hackathon www.asterisks.io

Pebble Custom Workout Timer · *C, Javascript, PHP, Node.js, HTML/CSS/jQuery*   Houston, TX · Summer 2014
· Created Pebble-guided custom workout app with input from phone or computer. Used by over 10000 users in 140+ 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*   Houston,TX · 2012-2013
· Developed AudioSyncR - After Effects script for semi automatic audio syncing for use with typography music videos

LEADERSHIP

HackMIT · *Organizer*   Cambridge, MA · 2015
· Assisted in organization, logistics, corporate relations and devOps for a 1000 person hackathon

MIT Sigma Phi Epsilon · *Rush Chair*   Cambridge, MA · 2014 and 2015
· Organized, planned and excecuted over 50 total events with a budget of $20,000
· Coordinated 25+ brothers and oversaw all aspects of recruitment for two consecutive years

SKILLS

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