



Education

Franklin W. Olin College of Engineering, Needham, MA 2013 - 2017

Bachelor of Science in Electrical and Computer Engineering, GPA 3.89

Coursework includes: Modelling and Control, Software Design, Discrete Mathematics, Mobile Prototyping, Independent study in Amplifier and TS9 Tube Screamer Pedal Design and Machine Learning

Hellenic American Educational Foundation, Athens, Greece June 2013

International Baccalaureate Diploma, GPA 3.96

Salutatorian of Class 2013, Honors in Mathematics, Student Government President

Experience

Electrical and Software Engineer, Imec, Leuven, Belgium Summer 2014

Designed and developed the electrical system of the MobiOne CORE vehicle. Co-developed the company's PHP web app. Stack: PHP, jQuery, Javascript, HTML, CSS.

Mechanical Engineer, Hitex S.A., Vannes, France Summer 2012

Examined conventional extraction-based techniques and super-critical fluid technologies, machine installation and qualification.

Research Intern, Lavipharm S.A., Athens, Greece Spring 2012

Conducted project on the mechanical properties of transdermal drug delivery systems (TDDS).

Projects

Digital to Analog Converter, Modelling and Control Fall 2013

Designed and built an 8-bit DAC consisting of a shift register, storage flip flops, a clock divider, a resistor ladder and a reconstruction filter.

First-Person OpenCV Shooting Game, Software Design Spring 2014

Developed an interactive Python OpenCV shooting game tracking color of an LED gun.

Google "24HoursofGood" - phishyourfriends.appspot.com, NYC Spring 2014

Developed an app using the Google App Engine API to increase awareness in web security.

Leadership

Volunteering Ambassador, Ecuador and the Galapagos Islands Summer 2012

Led construction of a water pipe, a composting toilet and a greenhouse in the Amazon forest.

Skills

Python, MATLAB, Javascript, Android Development, C, Arduino, PHP, HTML, CSS, Solidworks, LaTeX, Circuit Design, Verilog, Machine learning, proficient in English, Greek and German