



## 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 Tube Screamer Pedal Design

**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.

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

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

## Projects

**Android Chat Application**, Mobile Prototyping Fall 2014

Developed an Android Chat app that integrates with Firebase, online database.

**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.

**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.

## 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, Android Development, C, Javascript, MATLAB, Arduino, PHP, HTML, CSS, Git, Linux, Solidworks, LaTeX, Verilog, Machine Learning, Proficient in English, Greek and German

☎ 617 901 0274 🌐 filippos.me ✉ filippos.lympe@gmail.com 🐦 flymperopoulos 📍 1000 Olin Way, Needham, MA