Michele R **Esposito**

Mathematics & Computer Science

about

I am an engineer, creative, and a mathematician. Through my life, I have thrived and succeeded in any activity that I put my heart into and have easily collaborated with diverse group of people to achieve common goals.
Disruptive products that can make difference in people's life is what drives me, and I am itching to work on them.

contacts

micheleresposito@gmail.com
www.micheleresposito.com
Github: mresposito

languages

Bilingual Italian/English
Fluent in Spanish

programming

Scala, Java
HTML, CSS, Javascript
Python
C, C++
Unix Lover

courses

Probability
Discrete Mathematics
Theory of Computation
System Programming
Data Structures
Computer Security

education

Since 2010 — **Bachelor in Mathematics & Computer Science** — University of Illinois at Urbana-Champaign
Excel in discrete mathematics, algorithms and theory of computation.
Expected graduation May 2014

2007-2010 — **Bilingual International Baccalaureate (IB)** — American School of Milan
Achieved Technology Award for Excellence in Computer Science

experience

Since 6-13 — **Growth Engineer at Coursera** — Mountain View, CA
Lead to the creation of a growth team inside Coursera
Worked with director of Facebook growth team to increase number of Monthly Active Users in Coursera
Analyzed user acquisition channels by using Map Reduce jobs
Made Coursera compliant with web standard for Learning Tool Interoperability

Jun-Dic '12 — **Software Engineer at Flutter** — San Francisco, CA
Y Combinator and Andreessen Horowitz backed startup, maker of app that detects gestures via webcam.
Helped developing the next generation of Human-computer Interaction, by improving speed performance of algorithms by 300%.
Offered to continue Fall Internship and 50% raise in compensation and stock options based on results I achieved over the summer.

2011-2012 — **Lead TA for Calculus & Mathematica** — University Of Illinois at Urbana-Champaign
Wolfram Mathematica based classes, offering both online and regular classes using an innovative teaching system.
Started as TA for Calculus II, then promoted to coordinator as a result of teaching excellence and innovative ideas on how to improve the class.
Hired 10 students, taught for two semesters. Achieved major improvement of grading procedures, and 50% increase in student satisfaction.

achievements

2011-2012 — **Projects**
Designed HTML web server in C.
Implemented version of Malloc in C.
Created tool for visualization of iTunes library in Python

2004-2006 — **Chess Award** — Milan, Italy
Won the Under 16 provincial championship in 2006
Won the Under 16 team regional championship in 2004 and 2006
Entered Second national ranking when 12 years old