Joseph Puccio
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Education

UNC Chapel Hill   Chapel Hill, NC
B.S with anticipated double major in Mathematics and Computer Science, May, 2016.
Part time student in high school (2011-12 academic year). Took General Chemistry, Calculus 2, Multivariable Calculus, and Discrete Mathematics.

Woods Charter School   Chapel Hill, NC
Graduated May 2012. Most exceptional Math & Science student award (9th, 11th); Scholar-Athlete Award (9th,10th, 11th); Award for excellence in Soccer (11th).

Independent Programming Projects

Modeling Bifurcations of Dynamical Systems   Spring 2012
- Visually tracks bifurcations of periodicity in dynamical system.
- Written in Mathematica.

UNC Class Checker   Fall 2012
- Program notifies users via email or text when a class that they are interested in changes status (e.g. from "Closed" to "Open"); achieved 900 users in first 2.5 months.
- Created with AppleScript, Python, Javascript.

RamsList   Spring 2013
- Online trading market for UNC students; achieved 300 posts in first 2 months.
- Created with PHP, CSS, Javascript, HTML, and mySQL.

Proficient in Java, Objective-C, PHP, CSS, JavaScript (jQuery and AJAX), Python, HTML, SQL, Mathematica, MatLab, Applescript, Latex, and Microsoft suite.

Extracurricular Activities and Work Experience

Physical Chemistry Lab Internship at UNC Chapel Hill   Summer 2011
- Assisted UNC graduate students with ultrafast spectroscopy, photolithography, and much more.
- Co-authored paper, published in "The Journal of Physical Chemistry."

Summer Ventures in Science and Mathematics Participant   Summer 2010
- Selected to attend state funded, four week research camp at UNC-Wilmington. Focused on Computer Applications in Physics, with a final project on dynamical systems and chaos theory.