

Grant Aarons

194 East Second Street, Apt 5J
New York, NY 10009
914-703-0588
aarons@cooper.edu

Education:

THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART

Bachelor of Engineering, Mechanical Engineering, Projected May 2014

The Cooper Union, Full-tuition scholarship 2010-2014, GPA: 3.3 Major GPA: 4.0

Courses:

Engineering Design Principles, Physical Chemistry, Computer Science and Drafting, Physics:
Mechanics & Electromagnetism, Materials Science, Differential Equations, Error Propagation

Experience:

Researcher – The Cooper Union, New York, NY 5/2011 – 10/2011

- Developed Augmented Reality capabilities within the Android platform. Worked in Java with a strong focus on server/mobile data communication.
- Presented mobile applications, developed from this project, to the Board of Trustees at the Cooper Union (only one project is selected from the Albert Nerken School of Engineering for presentation to the Board).
- Project featured in the 2011 inauguration of President Jamshed Bharucha of The Cooper Union.

Semester Intern – Buchbinder & Warren Realty, New York, NY 3/2010 – 6/2010

- Integrated residential and commercial resources into the first comprehensive company inventory. Emphasized margins to be examined in various geographic apartment regions throughout New York City.

Tutoring Service, Westchester County, NY 9/2006 – 6/2010

- Tutored students in algebra, geometry, statistics and calculus.
- Worked with two students simultaneously for an hour each week.

Memphis Mae's, Westchester County, NY 8/2007 – 10/2009

- Wait Staff and Host
- Greet guests, wait tables, and take phone orders.

Projects:

Laser Cutter Adaptation for CNC Mills, New York, NY 9/2010 – 12/2010

- The goal of the project was two fold, increase the functionality of existing mills and cut the cost of laser cutting technology. Cost reduction was accomplished through extensive analysis of both systems to find inclusive operational functions. For more information please look into the Wikipedia page maintained at lasers.cooper.edu.

Honors:

- The Cooper Union, Full-tuition scholarship 2010-2014

Skills:

- Computer Programs: Microsoft Office, Excel & PowerPoint, AutoCad, Solidworks, Eclipse, Android Platform. – Hand Drafting.