

Jacob Segal

3179 Arbour Lane
Yorktown Heights, NY 10598
Cell: (914) 400-3237
ils485@cornell.edu

EDUCATION

CORNELL UNIVERSITY, Ithaca, NY
Major: Material Science and Engineering (B.S.)
Graduation: December 2012

SUMMARY OF COURSEWORK

Material Science concentration including: *Thin Films, Polymers, Thermodynamics, and Mechanical Properties of Materials*

Math courses through: *Multivariable Calculus, and Linear Algebra*

Physics courses through: *Oscillations, Waves and Quantum Physics*

Lab projects including creation and characterization of Aerogels

EXPERIENCE

Research

Van Dover Research Group, Lab Assistant 2010 (summer):

Built and operated Low Temperature Micro-Probe for ferroelectric thin films

Sound, Lighting, and Stage

Cornell Productions, Technician 2009 – 2010, Event Manager 2010 – present

Lawn Chair Theater, Sound & Lights 2011 (summer)

Kol Rinah Chorus, Sound Board 2007 – present

Yorktown Stage, Light Board 2008 (summer)

MEMBERSHIPS

Material Advantage (Student membership: ACerS, AIST, ASM International, TMS)

COMPUTER SKILLS

Experience in Java, MATLAB, Mathematica

HOBBIES

Eastern Philosophy, French Horn, Glowsticking