

CONTACT 315 College Ave no. 1, Ithaca, NY 14850
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EDUCATION **Cornell University** | ITHACA, NY
B.S. Electrical & Computer Engineering, 2012
Dean's List, spring 2009

Lakeland High School | SHRUB OAK, NY
Class of 2008

EXPERIENCE **Cornell University Sustainable Design** | ITHACA, NY
Innovative Energy Technologies / Web, Design, and Branding | FALL 2010—PRESENT

- Creating a new building testbed for sustainable building design and operation practices research
- First ever Cornell student designed building and first building of its type in the world
- Highly selective, cross-disciplinary team experience advised by over 15 faculty and professional staff
- Experience with NASA functional design techniques used to integrate building subteam requirements
- Currently researching solar thermal heating technology and biomass combustion
- Helped develop CUSD's website

Assured Systems, Inc. | YONKERS, NY
Software Development Intern | SUMMER 2009—PRESENT

- Developed solutions to improve workplace & warehouse efficiency for a small database management company
- Assisted with day-to-day systems administration and clientele technical support
- Automated spreadsheet generation for weekly reorder reports, saving several hours of labor per week
- Created applications for on-site warehouse shipping label generation, significantly reducing time spent fulfilling warehouse support requests

Harvard Public Forum Institute | CAMBRIDGE, MA
Media & Technology Director | SUMMER 2010

- Managed the Institute's online & media presence, including website design and maintenance of its software architecture
- Edited and processed hundreds of videos of lectures and activities and filmed promotional material
- Provided technical support for Institute faculty and students

Cornell University – Department of Computer Science | ITHACA, NY
CS1114 (Honors Introduction to MATLAB) Course Consultant | SPRING 2010

- Graded MATLAB assignments and exams covering computer science topics such as matrix analysis, image processing, Markov chains
- Held regular office hours

ILR Technology Services | ITHACA, NY
Distance Learning Assistant | FALL 2008—PRESENT

- Operated AV equipment to facilitate distance learning classes between Cornell's Ithaca and D.C. campuses
- Recorded and produced hundreds videos of lectures, seminars, and faculty meetings

SKILLS Programming – Java, C++, Python, MATLAB, SQL, PHP, HTML/CSS, JavaScript, Verilog
Software – Microsoft Word/Excel/Powerpoint, Photoshop, Dreamweaver, Flash, Minitab, Altera

ACTIVITIES Cornell Forensics Society – Policy Debate Captain & Vice President
CU Wind Symphony

AWARDS National Debate Tournament qualifier and Cross Examination Debate Association “sweet 16” (2010-11)
B.E. Ignignokt Prize for Innovation in Robotics and Computer Science (2009)
College of Westchester Business Achievement Award (2008)
New York State Policy Debate Champion & Top Individual Speaker (2008)
Fellow at the University of Kentucky Debate Institute (2007)