

Alyssa Rosen

6 Conwell St., Somerville, MA 02143 / (203) 722-3937 / rosen.alyssa@gmail.com

EDUCATION/CERTIFICATIONS

Brown University, B.A., Psychology, 3.6 GPA / May 2005

University of New South Wales, Sydney, Australia, Brown Study Abroad / Fall 2003

Tufts University, Graduate Coursework, Urban Environmental Policy Program / Spring 2009

Boston Architectural College, AutoCAD I/ 2D Drafting / Winter 2008

NABCEP Photovoltaic Power Systems and the National Electrical Code Course / March 2008

LEED®-Existing Buildings Accredited Professional / Fall 2007

WORK EXPERIENCE

The Cadmus Group, Inc., *Senior Analyst*, Watertown, MA / September 2007-Present

Renewable Energy Projects

- Performed site assessments of Massachusetts municipal buildings to determine feasibility of solar installations
- Managed the MA Renewable Energy Production Tracking System; analyzed production data and performed on-site audits
- Managed a solicitation for small (5-10kW) wind turbine host sites in Connecticut; performed desktop and on-site assessments of top four sites; acquired height waivers and assessed the need for wetland permitting at selected sites
- Installed data monitoring equipment by climbing small wind turbine towers
- Performed preliminary design reviews for solar installations for the New York State Energy Research and Development Authority (NYSERDA) by reviewing the accuracy of energy production estimates and ensuring regulatory compliance

Energy Efficiency Projects

- Performed third-party evaluation of utility rebate programs in Massachusetts, Rhode Island, and California
- Performed on-site energy metering and desktop analysis of DOE-2 energy models for a Green Schools Post-Occupancy Study of Energy Efficiency
- Reviewed United States Green Building Council (USGBC) LEED® applications for new and existing buildings
- Recommended efficiency upgrades for municipal buildings and assisted with implementation
- Performed energy analysis on more than 500,000 square feet of commercial building space and benchmarked energy performance for over 30 buildings using ENERGY STAR® Portfolio manager

Massachusetts Renewable Energy Trust, *Green Building & Infrastructure Intern*, Westborough, MA / September 2006-7

- Assisted with development and monitoring of nationally recognized \$25M Green Affordable Housing Initiative
- Evaluated 25 grant applications for Green Building Support Services leading to 11 vendor agreements
- Managed solicitation for renewable installations serving low-income residents
- Monitored project implementation of a 7kW PV array at a Boys and Girls Club and a 30 kW installation at a foodbank
- Assisted with development of photovoltaic reward program available to all 351 Massachusetts municipalities

Kieve-Wavus Education, Inc., *Teaching Intern and Camp Program Director*, Nobleboro, ME / August 2005-6

- Facilitated experiential education programs designed to build leadership and teamwork skills in middle school students
- Designed and managed scheduling for 230 campers for Wavus' first summer camp season
- Supervised and facilitated training sessions for 40 new instructional staff members

COMMUNITY DEVELOPMENT, City of Somerville, Massachusetts

Mayor's Young Somerville Advisory Group (YSAG), *Representative* / May 2007-Present

Selected to advise the mayor and city staff on ways to improve the quality of city services and increase communication between the city government and adult residents, ages 21-35

Somerville Comprehensive Plan Steering Committee, *Representative* / July 2009-Present

Appointed to represent YSAG during an 18-month planning and visioning process to create a 20-year strategic plan for city development; committee comprised of city, business, and community representatives

Energy Commission, *Attendee* / June 2009 – Present

Invited by Energy Commission chair to attend monthly meetings and work with the commission, which advises the mayor and city staff on sustainable projects including energy efficiency upgrades and clean technology installations

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PUBLICATIONS:

Rosen, Alyssa, David Korn, David Beavers. "Green Schools Post-Occupancy Study of Energy Efficiency". August, 2009. Scheduled to be shared at Northeast Sustainable Energy Association (NESEA) in March 2010, http://www.masstech.org/IS/green_schools.htm

Rosen, Alyssa, David Beavers, Shawn Shaw. "Renewable Energy: A Hedge Against an Uncertain Energy Future". American Council for an Energy-Efficient Economy (ACEEE) Summer Study on Energy Efficiency in Industry, 2009.

SKILLS

Languages: Proficient in American Sign Language, basic French and elementary Hebrew

Computers: SQL, Microsoft Word, PowerPoint, Excel, HTML, Visio, SketchUp, Project Information Management System (PIMS)

Awards: Varsity Gymnastics NCAA Division I All-American Scholar-Athlete, ECAC Academic Honors

Interests: Water-skiing, hiking, triathlons, travel, gymnastics