

ELISSA SEIDMAN

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OBJECTIVE

To obtain an entry-level position where I can apply my engineering, quantitative and interpersonal skills.

EDUCATION

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| M.S. IN MECHANICAL ENGINEERING
<i>Polytechnic University</i> | 2006-PRESENT
<i>Brooklyn, NY</i> |
| • Serving as a Teacher's Assistant for the Mechanical and Aerospace Engineering Department | |
| B.S. IN MECHANICAL ENGINEERING
<i>Polytechnic University</i> | 2004- 2006
<i>Brooklyn, NY</i> |
| • Awarded NSF Fellowship | |
| • Recipient of the Promise Scholarship | |
| ENGINEERING MAJOR
<i>City University of New York, Brooklyn College</i> | 2001- 2004
<i>Brooklyn, NY</i> |
| • Member of TOCA Honors Program | |
| • Dean's List | |
| EDUCATION CONCENTRATION
<i>Jerusalem College</i> | 2000-2001
<i>Jerusalem, Israel</i> |
| • Awarded a teaching certificate. | |
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EMPLOYMENT

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| RAISE TEACHING FELLOW
<i>Polytechnic University</i> | JUNE 2005 – PRESENT
<i>New York, NY</i> |
| • Enhancing student achievement in standardized exams, by integrating modern sensing, instrumentation, and monitoring technologies used in the laboratory curriculum | |
| • Providing high school teachers with technology proficiency, qualifications, and resources to integrate project-based learning in science curriculum and instruction | |
| • Aiding over 90 students each semester, helping develop their scientific abilities | |
| • Leading workshops for new fellows and High School teachers on topics of sensors and technology | |
| • Serving as a mentor to Undergraduate Fellows in Project RAISE | |
| ADMINISTRATIVE ASSISTANT
<i>Kowalski and Associates</i> | 2004-2005
<i>New York, NY</i> |
| • Assistant to the President of a Legal Recruitment firm | |
| • Served as a liaison between clients and recruitment officers | |
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EXTRA CURRICULAR ACTIVITIES AND VOLUNTEER EXPERIENCE

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| <i>Polytechnic University</i> | <i>New York, NY</i> |
| • Served as a mentor to high school student interested in pursuing studies in engineering | |
| • Member of ASHRAE | 2004-PRESENT |
| • Member of JSU of Polytechnic University | 2004-PRESENT |
| <i>City University of New York, Brooklyn College</i> | <i>Brooklyn, NY</i> |
| • Vice President, BC Engineers Club | 2002-2003 |
| • Student Liaison for the Department of Physics | 2002-2003 |
| <i>Chai Lifeline</i> | <i>New York, NY</i> |
| BIG SISTER VOLUNTEER | 2003-2006 |
| • Worked with children with cancer or chronic diseases and their families | |
| • Fundraising activities | |
| ARTS AND CRAFTS INSTRUCTOR, COUNSELOR | 2004-2006 |
| • Instructed children with chronic or terminal illnesses and handicaps in creation of art projects. | |
| • Coordinated and supervised special activities. | |
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SKILLS

Conversational Hebrew and working knowledge of Spanish and Yiddish
Proficient in Unix, PC and MAC systems, Microsoft Office and Internet Explorer.
Working knowledge of AutoCAD, Solid Edge, Matlab, C and C++. EIT Certified

RELEVANT COURSES

Calculus	Differential Equations	Machine Design
Flow and Thermal Systems	Economics of Engineering	Sensor Based Robotics
Engineering Circuit Analysis	Structural Systems	Material Science
Linear Algebra	Dynamic and Control Systems	Manufacturing