

Mark Pytel

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OBJECTIVE

To obtain a position in the field of Civil Engineering that will best utilize my strong technical and communication skills.

EXPERIENCE

09/06 – Present

High School of Telecommunication

Arts and Technology, Brooklyn, New York

Teaching Fellow

- Develop Demonstrations for Conceptual Physics Class
- Perform Demonstrations and Teach Underlying Principles

06/06 – 08/06

Con Edison, New York, New York

Cost Estimating Intern

- Developed a Database of Cost Profiles for Multidiscipline Engineering Projects
- Gained Familiarity with CEES (Computerized Engineering Estimating System)

09/05 – 05/06

Polytechnic University, Brooklyn, New York

Tutor (TRIO, PTC)

- Tutored Students in the Following Subjects:
Mechanics of Materials, Statics and Dynamics,
Physics, Calculus

07/05 – 08/05

Technical University at Braunschweig, Germany

International Exchange Student

- Studied Structural Health Monitoring
- Implemented Sensors into an Experimental Bridge Project

EDUCATION

Polytechnic University, Brooklyn, New York

Bachelor of Science Degree in Civil Engineering

Anticipated Graduation Date: June 2007

GPA: 3.45

Pace University, New York, New York

Completed Coursework Equivalent to a Minor in

Computer Science

GPA: 3.7

HONORS & AWARDS

R.A.I.S.E Undergraduate Fellow Fall 2006-Spring 2007

S.A.M.E Scholarship Winner Spring 2006

Weisstuch Scholarship Finalist Spring 2006

Polytechnic University Dean's List Fall 2004

Polytechnic University Outstanding Transfer Scholarship

COURSEWORK

Structural Analysis

Geotechnical Engineering

Foundation Engineering

Reinforced Concrete Design

Steel Design

Sustainable Cities

COMPUTER PROFICIENCY

Languages: Java, HTML, ASP

Software: MS Word, MS Excel, MS PowerPoint, MS Project, AutoCAD, ADINA, STAAD, CEES, Photoshop

Systems: MS Windows 95/98/NT/XP, DOS

ACTIVITIES

Member, American Society Civil Engineers (ASCE)

Member, Tau Beta Pi (The Engineering Honor Society TBP)