

**Objective** Experienced engineer looking to make information and technology more accessible

## Professional Experience

October 2008 – Present CONSOLIDATED EDISON Brooklyn, NY

### Operating General Supervisor

- Directed Brooklyn/Queens Emergency Group crews who respond to system emergencies such as manhole fires, stray voltage, and customer outages (rotating shift work)
- Participated in development of next generation system that will improve network reliability and analysis. Worked with Columbia U. on machine learning and decision support algorithms.
- Coordinator of the Con Edison/Brooklyn Technical H.S. Intern Program (since 2005)

July 2005 – October 2008 CONSOLIDATED EDISON Brooklyn, NY

### Engineering Supervisor

- Lead the Systems and Data Analysis Group in the B/Q Distribution Engineering Department
  - Developed and integrated solutions for a variety of platforms including .Net and HP-UX
  - Responsible for support of Brooklyn mapping system (IDMS) and the Engineering Working web application for contingency analysis
- Lead the Secondary Rebuild Group which is responsible for maintaining the reliability and safety of the B/Q electric distribution grid

July 2000 – July 2005 CONSOLIDATED EDISON Brooklyn, NY

### Program Analyst (COOP)

- Designed, implemented and maintained the Engineering Workshop (EW) web application for contingency analysis; runs on MS SQL Server with an ASP.NET front-end (100,000 LOC)
  - Used by the Brooklyn/Queens Engineering group, field crews and the Emergency Control Center
  - Integrates data from distributed sources to analyze electrical distribution network failures
- Maintained IDMS, Brooklyn Mapping System, which runs on an HP-UX Oracle Cluster
  - IDMS is the primary source of information for all electrical equipment installed in Brooklyn
- Adopted cross-platform database connectivity using Linux PERL scripts and DOS batch files
- Recognized for effort in the Summer '03 Blackout and the Winter '04 stray voltage inspections

Sep. 2001 – Apr. 2002 BANK OF NEW YORK New York, NY

### Program Analyst (COOP)

- Developed a web-based statistics engine to improve portfolio cash flow monitoring with graphical display of real-time data and custom indicators
- Issued web-based trade, inventory and product usage information using Crystal Reports
- Assisted in development of intranet apps: Global Markets, Operational Risk Management

## Education

July 2001 – May 2005 POLYTECHNIC UNIVERSITY Brooklyn, NY

Degrees: Bachelors in Computer Science 3.94 GPA, Summa Cum Laude  
Masters in Computer Science 4.00 GPA

Awards: Four year combined BS/MS honors program with a Board of Trustees full scholarship  
Microsoft National High School Computer Science Scholarship  
Myron M. Rosenthal CS Achievement Award, 2003 (ranked 1<sup>st</sup> in major)

Sep. 1997 – June 2001 BROOKLYN TECHNICAL H.S. Brooklyn, NY

Awards: Gold medal in Computer Science Major. Four years on Honor Roll.

## Skills

- Web application architecture and development on various platforms (.Net, LAMP)
- Database design and administration on various platforms (MS SQL Server, Oracle, mySQL)