

## VALERIE FLOREZ

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[HTTP://WWW.PAGES.DREXEL.EDU/~VPF23/EPORT/EPORTINDEX.HTML](http://www.pages.drexel.edu/~VPF23/EPORT/EPORTINDEX.HTML)

Conscientious problem-solver ideally suited to work for a public-enrichment organization developing, maintaining, and improving work processes to increase operating efficiency.

Over 11 years of technical and analytical experience implementing innovative solutions to improve operation and efficiency. Analytical with initiative, tenacity, and love of learning.

### AREAS OF EXPERTISE

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| • Strategic Planning & Forecasting      | • Operations Management                    |
| • Quality Assurance & Improvement       | • Economic Evaluation & Cost Reduction     |
| • Budget Development & Compliance       | • Research & Risk Analysis                 |
| • Vendor Negotiations                   | • Regulatory & Capital Project Execution   |
| • Continuous Improvement & Optimization | • Safety & Environmental Compliance        |
| • Root Cause Investigations             | • Project, Construction, & Team Management |
| • Manufacturing & Production            | • Training                                 |

### ADVANCED COMPUTER SKILLS

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|--------------------------|-----------------------|--------------------------|
| • Database Development   | • HTML, CSS           | • Dialog                 |
| • Project Scheduling     | • Online Research     | • SAP                    |
| • Microsoft Office Suite | • Simulation Software | • Command-Line Interface |

### EDUCATION & LICENSES

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M.S. Library & Information Systems

DREXEL UNIVERSITY, 2014 (EXPECTED).

B.S. Chemical Engineering with Honors

UNIVERSITY OF CALIFORNIA, BERKELEY, 1999.

License # 93555

Texas Board of Professional Engineers.

License # 062.058853

Illinois Department of Financial & Professional Regulation.

### LIBRARY EXPERIENCE

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SMITHSONIAN INSTITUTION. 2009 – Current.

#### **Exchange Coordinator, American Art Museum & National Portrait Gallery Library**

Administer international exchange program. Created comprehensive database for Library Exchange Program. (Pro Bono)

### ADDITIONAL PROFESSIONAL EXPERIENCE

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**Manager, Production Operations**

OPOWER, Arlington, VA. 2009 – Current.

**Process Engineer, Dextrose**

CORN PRODUCTS INTERNATIONAL, Argo Plant, IL. 2005 – 2008.

**Process Improvement / Design Engineer** CHEVRON PHILLIPS CHEMICAL, Houston, TX. 1999 – 2005.

- **Recognition & Achievement Awards:** \*Accomplishments in support of process unit turnarounds, 2001 & 2004. \*Key contributor on Federal environmental project, 2003. \*Accomplishments in support of process unit modernization, 2002. \*Innovative process design package for new technology, 2001.

### ORGANIZATIONS & CIVIC CONTRIBUTIONS

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Member: Public Library Association, American Library Association.

Team Coordinator: Chicago CAREs (*What's Cookin'*).

Volunteer: ipl2 Digital Reference; DuPage County Citizen Corps; Willow Creek Middle School Library; Science & Engineering Fair of Houston; Houston SPCA.

Member: Tau Beta Pi, Engineering Honor Society; California Alumni Association.

### LANGUAGE SKILLS

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Bilingual, intermediate – Spanish.