

# JAMES FEINBERG

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www.jamesf.com

(858) 576-6977 home

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## **Goal**

Seeking a position in Systems Engineering.

## **Summary of Qualifications**

Detail oriented systems thinker. Ten years proven project management and leadership experience with a strong technical background. Quick to master new systems and develop innovative solutions for complex problems. Effective working under constrained budgets and tight timetables.

## **Education**

MASTER OF ENGINEERING IN SYSTEMS ENGINEERING, *Penn State University*: Expected 8/2011

☞ Cumulative GPA: 4.0

ENGINEERING CERTIFICATE, HIGHEST HONORS, *Mesa College*, San Diego, CA: 2009

☞ Coursework Included: Thermodynamics, Circuits, Statics, Dynamics, Properties of Materials, Physics, Differential Equations, Linear Algebra, and Calculus III. GPA: 4.0

CONTINUING EDUCATION, Financial Accounting Principles, *Harvard University*: 2000

BACHELOR OF ARTS, SUMMA CUM LAUDE, *Brandeis University*, Waltham, MA: 1997

☞ Highest Honors in Theatre Arts, Minor in Computer Science

## **Engineering and Project Management Experience**

*Production Manager and Adjunct Instructor*, University of San Diego: 2002–2006

*Production Manager*, MFA Program, and

*Assistant Production Manager*, American Repertory Theatre: 1998–2001

*Technical Director*, WBRS-FM Waltham, MA: 1994–1997

- ☞ Worked closely with stakeholders to establish user needs, define requirements and objectives, determine feasibility, and identify achievable deliverables.
- ☞ Created solutions integrating commercially available components and custom products.
- ☞ Mitigated risk by anticipating potential bottlenecks and failure points.
- ☞ Managed timetables for resource allocation.
- ☞ Served as hub for all project-related communications.
- ☞ Allocated available budgets, estimated costs, and hired outside contractors.
- ☞ Led teams of 5 to 50 on projects with both long duration and changing requirements as well as projects conceived and executed within a compressed timeframe.
- ☞ Managed multiple simultaneous projects.
- ☞ Coordinated interactions of teams from diverse disciplines.

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## **Additional Professional Experience**

*Website and Database Programmer*, Various Clients: 1994–Present

*Facility Manager*, Shiley Theatre, University of San Diego: 2002–2006

*Systems Operator*, Computer Science Department, Brandeis University: 1994–1997

- ✎ Classically trained computer programmer, coding since 1984 in multiple languages including C, C++, PHP with MySQL, Javascript, Pascal, and Scheme.
- ✎ Designed, installed and managed data networks serving multiple platforms and user types.
- ✎ Developed and disseminated new organizational procedures and documented existing policies for planning, tracking, implementing, and analyzing projects.
- ✎ Revitalized facility by establishing comprehensive framework for clients and staff and instituting stakeholder outreach.

## **Technical Skills**

- ✎ Electrical: Design and implementation of 120V AC systems; installation and maintenance of fixtures and hardware.
- ✎ Mechanical/Structural: Design, fabrication, installation, and maintenance of platforms, partitions, and facilities and structures for overhead lifting.
- ✎ Broadcast: Maintenance and upgrade of FM radio equipment, including main transmitter replacement, antenna refurbishment, broadcast studio overhaul, and spectrum management.
- ✎ Visualization/Modeling: Hand and CAD drafting in 2D and 3D using Vectorworks and Pro/ENGINEER.
- ✎ Software: Expert in Microsoft Office suite, skilled in Adobe Photoshop, comfortable on Windows, Mac, and Linux/Unix.

## **Professional and Civic Affiliations**

*International Council on Systems Engineering (INCOSE)*: 2008–present

- ✎ Active member of San Diego chapter.

*Serra Mesa Planning Group*: 2005–present

- ✎ Vice Chair since 2008.
- ✎ Advise City of San Diego elected officials and staff on land-use and other planning decisions.
- ✎ Review projects for compliance with state and local environmental standards.
- ✎ Recognized by California State Senate for outstanding volunteer service to the community.