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Shir Nehama

Saratoga, CA 95070 | (408) 540-4123 | snehamajr@gmail.com

EDUCATION

University of California, Berkeley

Cumulative GPA 3.93

B.S. Industrial Engineering and Operations Research (IEOR) | Grad May 2015

M.S. Operations Research | Grad May 2016

Relevant Coursework: Statistics, Relational Databases, Data Structures, Probability and Risk Analysis, Forecasting, Linear Programming

Objective: I have a passion for seeing the world of operations research, data analysis, and user experience come together to foster innovation and discovery. As a result, I wish to focus on making data driven and user conscious decisions in the world of game changing technology

PROFESSIONAL EXPERIENCES

UC Berkeley Citris Data and Democracy Initiative

Sep 2014 – Present

Researcher

Berkeley, CA

- Part of a team of PhD and Masters researchers in the UC Berkeley EECS and IEOR department working under Prof. Ken Goldberg
- Developed the formulation of the Continuity Coefficient, a mathematical representation of the continuity of care between patient and doctors, for Dr. Jordan Shlain, Internal Medicine Doctor and founder of the HealthLoop mobile application
- Modeled the Continuity Coefficient in MATLAB and conducted sensitivity analysis to analyze the behavior of the coefficient's formulation

eBay, Inc. – StubHub

May 2014 – Aug 2014

Project Management and Operations Intern

San Francisco, CA

- Optimized the process by which new environment server roles are developed, released, and monitored by evaluating the current process and performing root cause analysis
- Initiated and drove the internal operations dashboard project, aiming to give the management team dashboard insights into company productivity and performance metrics by accessing and integrating data from three major, company software tools
- Analyzed requirements for the dashboards by interviewing end users and converting business needs into measurable data points
- Conducted analysis on software systems for the dashboards by identifying dependencies and actions for tool standardization

Deloitte Consulting

Jun 2013 – Aug 2013

Business Technology Analyst Intern

San Francisco, CA

- Delivered a Salesforce.com (SFDC) solution for the client as part of a 5 member Customer Solutions team
- Learned about the system development life cycle and how it is implemented in the industry to improve systems
- Conducted and assessed SFDC testing to ensure the achievement of all system requirements and validation of business flows
- Analyzed Configure-Price-Quote vendors for Deloitte San Francisco technology consulting lead as a side initiative

The School Fund (TSF) Nonprofit Organization

Jan 2011- May 2013

User Experience Project Lead

Palo Alto, CA

- Led the UX project and conducted a full analysis report to optimize website features and navigation by donors

LEADERSHIP AND ACTIVITIES

UC Berkeley Society of Women Engineers (SWE)

Sep 2011 - Present

Vice President of Corporate Relations

- Realized the career development vision for SWE by fostering the growth of three major professional programs and leading the corporate officer team to drive and improve the corporate to engineering-community relationship for SWE
- Organized the annual engineering career fair and integrated new ideas and opportunities, resulting in a 113% increase in profit, as well as attendance of over 140 Berkeley engineers and 20 Fortune 500 companies

SKILLS AND QUALIFICATIONS

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| Technical Skills: SQL, Java, Python, Visio, MATLAB, and Microsoft Office | Strong leadership, planning and organizational skills |
| Adept at Salesforce CRM testing and training | Advanced in agile methodology and software tools |

HONORS AND AWARDS

L.J. Craig and Alice Craig Engineering Scholarship Recipient	May 2014
UC Berkeley Leadership Award Recipient	Aug 2013
Tau Beta Pi Engineering Honors Society	Jan 2013

ADDITIONAL INFORMATION

Interests	Contemporary, jazz and ballet dancer for +10 years, infographics and iconography, and traveling
Languages	English, Hebrew, and conversational in Spanish