

# NINA PATEL

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Pittsburgh, PA 15206

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## EDUCATION

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CARNEGIE MELLON UNIVERSITY, TEPPER SCHOOL OF BUSINESS

Pittsburgh, PA

*Master of Business Administration – MBA*

5/15

- Concentrations: **Healthcare/Biotechnology, Organizational Behavior, Entrepreneurship**
- Honors: Swartz Fellow, Forte Foundation Fellow
- Memberships: Biopharma & Healthcare Club, Organizational Leadership Club, Entrepreneurship & Venture Club

UNIVERSITY OF THE PACIFIC

Stockton, CA

Bachelor of Science in Bio-Engineering

5/06

- Honors: C/O 2006 Outstanding Biomedical Engineering Graduate, 1<sup>st</sup> Place – Senior Design Project
- Activities: Senior Resident Assistant (2002-2004), Society of Women Engineers
- Internships: Natus Medical San Carlos, CA (2004), Japan Solderless Terminals Osaka, Japan (2005)

## EXPERIENCE

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LIFE TECHNOLOGIES

Foster City, CA

Engineer III, Engineer II, Engineering Contractor

02/07 – 06/13

### Leadership

- Led a team of five for the first European Certified In-vitro diagnostic DNA Sequencer. Coordinated team both locally and internationally, to execute verification/validation testing and deliver data to the project team ahead of schedule.
- Created/Submitted documentation to receive diagnostic certification in Europe. Certification enabled Life Technologies increase its product portfolio, and be the 1<sup>st</sup> to enter the European personalized medicine research market in Europe, a \$15M market.
- Led the Risk Management Team and worked with international OEM teams to identify and mitigate all foreseeable instrument risks prior to releasing the instrument. Instrument failures decreased 25% with the new release.
- Chief of Staff to the in-house DNA sequencing center, improved turnaround time for customers to receive their data from reducing sample to answer time frame from 2-3 months to less than one.

### Teamwork

- Worked cross-functionally with product management and R&D to develop consumable specifications to meet customer needs. Created and maintained requirement and specification documents that led to production of a DNA sequencing instrument, and over a dozen associated consumables.
- Worked with quality teams in Singapore to transfer project knowledge and prepare teams for external audits. First and only external audit of the In-vitro diagnostic DNA sequencer revealed full concordance with diagnostic regulations, which sped up the release of the instrument.

### Problem Solving

- Worked alongside support teams to install, diagnose and troubleshoot Next Generation Sequencing Instruments at client sites. Used the experience to update Service Manuals reducing hands-on time at each site by 40%, from 7 days to 4 days, and added quality checks to standardize installation across sites and engineers. Received a Silver DNA award for implementing new service methods to save costs and time.
- Tiger Team R&D lead, addressing technical field issues post instrument release. Able to create personalized solutions for researchers reducing their down time. Built deeper relationships with consumers further demonstrating our commitment to their research success, and emphasizing life technologies as their one stop shop for all genetic research needs.

## ADDITIONAL INFORMATION

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- Volunteer: Mentor for the YMCA Building Futures Program (San Francisco, CA), University Medical Center (Las Vegas, NV) Medical Repair Volunteer
  - Hobbies: Bowling for Life League Bowler (3 years), World Traveled, and Wine-Enthusiast
  - Language: Spanish, Japanese, and Gujarati (all conversational)

**U.S. Citizen**