

Ryan Dumlao

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT *M.B.A., Full-Time Program, Product Management*

Los Angeles, CA
June 2018

- *Awards:* Collins Family Fellowship
- *Leadership:* Anderson Leadership Development Program, Anderson Brand Management Chair (elected by class)
- *Membership:* Anderson Tech Business Association, Design for America, Marketing Association, Anderson Craft Beer Club

UNIVERSITY OF CALIFORNIA, LOS ANGELES *M.S., Electrical Engineering*

Los Angeles, CA
June 2010

- *Research Topic:* Model for Calculating the Density and Resistivity of Surface States in n-doped GaAs Nanopillars

UNIVERSITY OF CALIFORNIA, SAN DIEGO *B.S., Electrical Engineering, minor in Japanese Studies*

La Jolla, CA
September 2007

- *Leadership:* Nikkei Student Union (Executive Board, Communications; Webmaster; Student Mentor)
- *Awards:* Eta Kappa Nu ECE Honor Society Inductee, Provost's Honors

EXPERIENCE

THE MEDICINES COMPANY *Pharmaceutical company with \$300M annual revenue* *Senior Electrical Engineer*

Redwood City, CA
October 2013 – July 2016

- Led engineering team of 6 to develop Commercial Failure Analysis Lab, managing project schedule, system architecture and hardware design, handling 20,000 product return analyses per year to maintain < 3% failure rate
- Built iPad app for sales and patient education in hospitals for 350+ sales representatives, and eliminating need for \$100K in training tools by leading a cross-functional effort building requirements with marketing and deploying with developer teams
- Served as technical liaison to the FDA during 12-month drug approval process, resulting in full FDA approval of product
- Ran quality systems audits on design houses and suppliers in China, Philippines and Italy, ensuring 100% FDA compliance
- Won 2014 "Chairman's Challenge", among 38 competing business proposals; awarded \$20K funding for iPad app project

RAYTHEON *Engineering Leadership Rotation Program*

El Segundo, CA
June 2011 – October 2013

Competitive rotation program for leadership development with 20% acceptance rate; Operations, Finance, and Optical Engineering

- Eliminated 6-month corrective-action and root-cause analysis backlog while managing suppliers for 3 major \$20M+ aerospace programs; directed risk mitigation actions between programs, suppliers and customers
- Analyzed weekly company financials for VP of Engineering to make budgetary decisions, developing an improved forecast and allocation of \$18M departmental overhead budget that was implemented by executive team
- Received Six Sigma certification and Shining Stars Award for creating cost analysis tool that saved \$30K in labor by recognizing inefficiency in reporting processes, developing tools and influencing upper management to drive adoption
- Supervised 3-man technician team on assembly, integration and testing of optical mirror systems for NASA Joint Polar Satellite System (JPSS); received Shining Stars Award for recognition of team leadership, and early delivery of satellite

Electrical Engineer II

July 2010 – June 2011

- Spearheaded design and documentation of embedded firmware and PCB hardware to replace 30-year-old failing radar test hardware with modern hardware solution, eliminating continuous risk of radar test failures for F/A-18 fighter jet fleet
- Collaborated with mechanical and software engineering to seamlessly integrate solution into radar test system in the field

FREELANCE WEB DEVELOPER

1998-2003, March 2013 – Present

- Created the 2nd-largest Pokémon website during middle school; 3,600 members, 500k site visits and \$2k+/month revenue
- Developed and designed websites for small-businesses, including a board game company that crowd-funded more than \$12k

ADDITIONAL

- *Software:* HTML5, JavaScript/jQuery, C/C++, Adobe Photoshop and Premiere, Linux, Ruby on Rails
- *Volunteer:* San Francisco Chinatown YMCA Mentor (2015-16), Nakayoshi Young Professionals (2014-16), Eagle Scout
- *Interests:* Photographing the world while traveling through 20 countries, motorcycling through the Bay Area mountains, editing YouTube compilations of my snowboarding adventures, running half marathons, rooting for the San Francisco Giants