

## Ryan Dumlao

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### EDUCATION

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#### UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

##### *M.B.A., Full-Time Program, Product Management*

June 2018

- *Awards:* Collins Family Fellowship
- *Leadership:* Anderson Leadership Development Program, Anderson Brand Management Chair (elected by class)
- *Membership:* Anderson Tech Business Association, Marketing Association, Asian Management Student Association

#### UNIVERSITY OF CALIFORNIA, LOS ANGELES

Los Angeles, CA

##### *M.S., Electrical Engineering*

June 2010

- *Research Group:* Integrated NanoMaterials Core Lab, under Dr. Diana Huffaker
- *Research Topic:* Matlab Model for Calculating the Density and Resistivity of Surface States in n-doped GaAs Nanopillars

#### UNIVERSITY OF CALIFORNIA, SAN DIEGO

La Jolla, CA

##### *B.S., Electrical Engineering, minor in Japanese Studies*

September 2007

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

### EXPERIENCE

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#### THE MEDICINES COMPANY *Pharmaceutical company with \$300M annual revenue*

Redwood City, CA

##### *Senior Electrical Engineer*

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 physical training tools by leading a cross-functional effort across marketing and developer teams
- Consulted on technical FDA reviews during 12-month drug approval process, resulting in full FDA approval of product
- Performed quality systems audits on electronics 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

El Segundo, CA

##### *Engineering Leadership Rotation Program*

June 2011 – October 2013

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

- Eliminated 6-month corrective-action backlog while managing suppliers for 3 major \$20M+ aerospace programs; directed risk mitigation actions between programs, suppliers and customers
- Analyzed and reported weekly financials to VP of Engineering, 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
- 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 obsolete radar test hardware with modern solution, eliminating risk of radar test failures for F/A-18 fighter jet fleet
- Collaborated with mechanical and software engineering to seamlessly integrate hardware 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

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- *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, filming my snowboarding up and down the west coast, running half marathons, rooting for the San Francisco Giants