

Christopher K Rad

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EDUCATION

University of Southern California, Marshall School of Business – Los Angeles, CA
Master of Science, Global Supply Chain Management

University of California at Santa Cruz – Santa Cruz, CA
Bachelor of Science, Technology & Information Management

EXPERIENCE

CR&A Custom – Los Angeles, CA **2016 – Current**
Business Development & Enterprise Systems Manager

Functions as a software and process development manager supporting the ongoing improvement and development of the company's information systems.

- Develops multiple ERP modules using the odoo Python ERP MVC framework to consolidate the company's practices into a multi relational ERP system
- Leads the development and maintenance of a Linux based on premise - RIP file server with RSA authentication
- Migrated the organization's email server and BI suite from Microsoft Exchange / Office to Google CP and share based products to optimize event management efficiency and enterprise wide communication
- Developed a series of digitally integrated manufacturing strategies that increased production and sales capacity of 44 employees by 12%

NASA | Jet Propulsion Laboratory – Pasadena, CA **2018 – 2021**
Spacecraft Assembly Facility & Operations Engineer / Section 356 Safety Representative

Acted as a logistics and facilities leader for all JPL project teams with regard to operations involving the Spacecraft Assembly Facility (B179) and Assembly Test & Launch Operations.

- Acted as the SCRUM Master for the (Python Django) smart.jpl.nasa.gov software implementations within the electronics packaging and fabrication manufacturing org (356)
- Ensured the integrity of NASA critical infrastructure for the Spacecraft Assembly Facility and its support equipment
- Supported logistical efforts with all flight project teams during Assembly Test and Launch Operations
- Developed and directed policy as the Section 356 safety representative conducting on-site reviews and corrective actions
- Acted as the Covid Safety Facility representative during the Covid 19 pandemic from 2020 - 2021
- Supported the development and manufacturing configuration of the flight electronics & integration facility (B105 - Floors 2,3,4)

NASA | Jet Propulsion Laboratory – Pasadena, CA **2018 – 2019**
Production Control Analyst / Section 356 Safety Coordinator

Supported the production and ongoing manufacturing operations of JPL facility 103 and 11 while improving on existing processes within the Electronics Packaging and Fabrication organization 356

- Developed and maintained a manufacturing solution software utilized to track the status of equipment life cycle (PLM) supporting calibration, certification, and preventative maintenance to ensure capacity planning
- Reported on volume of production, quality control, and all other aspects of production
- Calculated such factors as types and quantities of items produced, materials used, frequency of defects, and production rates

- Promoted to Section Safety Coordinator overseeing safety of all groups relating to electronic packaging, fabrication and technical services within Section 356 (approx. 250+ employees)

USC Keck Medical – Los Angeles, CA

2017 – 2018

Lean Six Sigma Graduate Research Assistant

Worked collaboratively with USC Medical to streamline processes for clinical research among four entities.

- Designed comprehensive diagrams of all processes encompassing the clinical trial process
- Collaborated with research management to diagnose points of failure within the clinical trial process
- Strategized with Lean Six team and research management to calculate DPMO and reconfigure trial process
- Measured various KPIs to optimize the future process flow of the clinical research process

UC Innovation – Irvine, CA

2017

Software Sales Engineer

Represented UC Innovation as a key point of contact for the sale of their Salesforce Appexchange products.

- Collaborated with the software engineering team to improve the ‘Cloud Explorer’ Salesforce product which resulted in a 21% increase in sales.
- Assisted in lead generation campaigns for ‘Ascend’, ‘Cloud Explorer’, and ‘Rubrik’ Salesforce products
- Provided pre-sales technical support and conducted / scheduled product demos

University of California at Santa Cruz – Santa Cruz, CA

2013 - 2016

Residential Advisor

Represented the University of California at Santa Cruz community as an on and off campus residential advisor.

- Organized community events with the intent of educating students on health, culture, best practices, etc.
- Supervised the local community with the intent of ailing discord, along with mental & physical ailments
- Structured training for the Residential Advisor program’s potential candidates and supported interviews

VOLUNTEERING

California State Superior Court – Los Angeles, CA

2018

Public Policy and Mediation Extern

Represented the State of California under Hon. Judge Khan as a public policy extern supporting mediations

- Organized the Judge’s briefings over into measurable data for further analysis by case type
- Supported and observed cases both being deliberated and cases in the process of mediation
- Aggregated and visualized tableau data on relevant Westlaw cases to support Hon. Judge Khan’s briefings

ADDITIONAL INFORMATION

- *Software:* ORASoftware: ORACLE ERP, Odoo ERP, Python, Django, Elixir, Linux, Git, PostGreSQL, Tableau, Jira, Nvim, Excel VBA
- *Certifications:* Lean Six Sigma Green Belt
- *Awards:*
 - Excellence in Software Architecture for 356 Section Management and Resource Tool (smart.jpl.nasa.gov)
 - Excellence in Production Control and Manufacturing Support for the Mars 2020 Project