Eric Chiu

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Quality Engineer with 4+ years of experience in the medical device industry seeking transition into Software Documentation Engineer roles within medical devices.

PROFESSIONAL EXPERIENCE

ALCON, Irvine, CA   Jul 2018 – Present
Product Line Quality Engineer
- Developed and revised procedures for clean room manufacturing in response to audit findings and corporate requirements
- Reduced amount of nonconforming material on production line by 54% ($194,000) by validating potentially defective parts to be used for production
- Led investigation on supplier quality issue that involved components in manufacturing and final product, and facilitated communication between supplier and manufacturing team to resolve issue
- Determined root cause for complaint investigation that affected product on global scale and implemented CAPA and effectiveness checks to resolve and monitor issue from manufacturing standpoint

JOHNSON & JOHNSON MEDICAL DEVICES, Irvine, CA   Nov 2016 – Mar 2018
Quality Engineer Technician
- Conducted preventative maintenance and facilitated equipment calibration with vendors for 120 laboratory assets, as well as performing out of tolerance NCIs
- Performed instrument validation and PQ testing on equipment to be used for QA product release
- Reviewed and released engineering change orders for manufacturing plant setting
- Led change orders regarding hazardous waste mitigation strategy for QA test procedures

TAKEDA PHARMACEUTICAL COMPANY, San Diego, CA   Nov 2013 – Jun 2015
Pharmaceutical Lab Intern
- Led project to initiate electronic chemical inventory system for pharmaceutical lab
- Synthesized target compounds using wet laboratory techniques while documenting results in an ELN
- Performed daily system suitability of HPLCs and ran diagnostic tests for operational issues
- Provided wet laboratory and safety training for incoming interns in the department

AREAS OF EXPERTISE

- Technical Writing for SOPs, Protocols, etc.
- Change Orders in Windchill & Veeva
- Process & Equipment Validations (IQ, OQ, PQ)
- ISO 13485 and FDA Quality Standards
- Project Management
- Root Cause Analysis
- Python, Java, JavaScript, SQL
- SAP & JDE ERP Systems

EDUCATION

OREGON STATE UNIVERSITY   2020 - Present
B.S. Computer Science
GPA: 4.0
Courses taken: Intro to Java & Python, Database Admin, Computer Architecture & Assembly Language
Projected Graduation in 2022

UNIVERSITY OF CALIFORNIA, SAN DIEGO   2012 - 2016
B.S. Chemical Engineering, Minor in Business