





LOANN HOANG

Q U A L I T Y E N G I N E E R



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-  <https://overloadcode.github.io/loannhoang/#>

PROFILE

I am a qualified Quality Engineer with 6 years in the Biotechnology sector. I have lab-based experience as well as quality assurance experience. Strong creative and analytical skills. I am currently looking for a new career path.

SKILLS

LAB SKILLS

- Stitch Inoculation
- Media Plate Prep
- Size Exclusion Chromatography (SEC)
- UV-Vis spectroscopy for purification
- Room Release and Line Release for GMP Cleanroom
- Synthesizers and AKTA
- Aseptic Technique

EQUIPMENT

- Stacmax
- Softmax
- NX
- Biocel
- Bishop
- Tecan
- Hamilton
- Agilent

SYSTEMS AND APPLICATIONS

- JIRA/Confluence
- Adobe Captivate
- Lucidchart
- Microsoft Office
- ComplianceQuest
- ETQ Reliance
- Qualio
- Netsuite
- Arena

EXPERIENCE

QUALITY ENGINEER II

FREENOME - Multiomics Platform for Early Cancer Detection

AUGUST 2021 - SEPTEMBER 30, 2022

- Writing validation scripts for eQMS implementation
- Writing SOP and WI for processes and procedures
- Owner for nonconformances in eQMS
- Owner of LMS including training sessions, courses, etc.
- Creating training modules and sessions using Adobe Captivate
- Quality owner for material management

QUALITY ASSURANCE ANALYST

SYNTHEGO - Full Stack Genome Engineering for CRISPR

JANUARY 2019 - JULY 2021

- Built out the GMP Warehouse and managed the released products
- Room Release and Line Release for GMP Cleanroom
- Owner of CAPA, deviations, NCR, incidents for eQMS
- Assist in ISO 9001:2015 certification
- Work with cross functional teams to create new projects for GMP buildout
- User Testing Validation and implementation for eQMS
- Revise and create new SOPs for different processes
- Implement new trainings in different departments
- Support for batch record issuance, review and line/room release
- Materials management owner for raw materials, releasing, quarantine, retains

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CERTIFICATES

**Hazmat First Responder Operations
(FRO) Responder**

Certified: Spring 2020

CPR Certification

Certified: Spring 2020

ASQ Corrective and Preventive Action

Certified: Spring 2021

Oriel Stat a Matrix Quality

**Management System Internal Auditor
(ISO 9001:2015) inclusive of ISO**

13485:2016

Certified: Spring 2021

Vice President Education :

Toastmasters Chapter

EDUCATION

**SAN FRANCISCO STATE
UNIVERSITY**

Bachelors

Graduation: 2016

EXPERIENCE

SENIOR RESEARCH ASSOCIATE

SYNTHEGO - Full Stack Genome Engineering for CRISPR
JANUARY 2019 - JULY 2021

- Synthesize oligonucleotides on SSA and AKTA equipment
- Train and sign off new laboratory associates
- Lead on weekend shift as needed
- Work in manufacturing setting to produce in mass quantities
- Analyze UV and mass spec data on Agilent Spectrometer
- Experience with size exclusion chromatography (SEC) and UV-Vis spectroscopy for purification
- Operate automated robotic systems to manage liquid products.

LAB TECHNICIAN II

AMYRIS - Synthetic Biology for Clean Consumer Brands
JUNE 2017 - FEBRUARY 2019

- Main user of Two benchcel robotics
- Experience with stacmax, softmax, NX, Biocel, and Bishop
- Maintain all stock HTS and ASE media and plates
- Create and maintain SOPs and workflows
- Stitch inoculation for Biology/ASE

LAB TECHNICIAN

GENENTECH

JUNE 2016 - JUNE 2017

- Take on projects to maintain efficiency and productivity
- Knowledge of LEAN training and 5s
- Use of Autoclave, Washer, Dryer, and Pyro Equipment
- Safety team and Ergonomics team advocate
- Writer for the Engrained Quality newsletter
- Work in GMP environment