

Henry Huynh

HenryQHuyh@gmail.com | (408) 904-9022 | **Portfolio:** henryhuynh-portfolio.netlify.app

LinkedIn: [linkedin.com/in/HenryQHuyh](https://www.linkedin.com/in/HenryQHuyh) | **GitHub:** github.com/HenryQHuyh

Experience

Associate Test Engineer | Onto Innovation | Milpitas, CA

May 2021 - January 2023

Efficiently completing a complex, low-volume metrology tool's production cycle to ensure that the tool is performing in peak condition to exceed industry standards:

- Performed various steps of hardware installation, system integration, tool calibration, final testing, data collection, data analysis, and final inspection to meet customer specifications and industry quality standards.
- Performed over 150 quality checks to troubleshoot production problems and ensure tool functionality.

Provided specified support for customer accounts:

- Direct aid in tool production cycle scheduling and final inspection documentation for special configuration tools.
- Identified and delegated tasks as needed in order to meet tool ship dates.

Quality Process Engineer | A&D Precision, Inc. | Fremont, CA

January 2020 - May 2021

Effectively execute the production process and ensure the quality of various manufactured parts in single item, Sub-Assembly, and Assembly productions:

- Create and manage 150+ new and existing part masters for in-house and sub-contracting productions.
- New Product Introduction (NPI) projects of high-value items/assemblies.
 - Create required process and inspection documentation and engineering drawings during the prototype phase.
 - Adjusted CAD Models and applicable work instructions for varying stages of product development.
 - Develop process flow charts for projects, products, and inspection processes.
- Complete RFQs for materials, components, and outside process operations that conform to customer requirements.
- Review verification and validation specifications, and deliver instructions effectively to team members.

Provide Quality and cross-functional support as needed:

- Create quality documentation, maintain, and improve the Quality Management System (QMS) linked to the Enterprise Resource Planning (ERP) System.
- Schedule and conduct Customer/Internal/Supplier Audits.
 - Conducted 2 annual ISO 13485:2016 (Medical Device) Audit Certifications with Lead Auditor from Orion Registrar, Inc.
- Work with Material Review Board (MRB) to review discrepant material reports (DMRs) and non-conforming parts.
- Prepare and conduct Corrective Action/Preventative Action documentation utilizing Root Cause Analysis and other Lean Six Sigma methodologies for continuous improvement and to improve overall production yield.

Skills

Developer Tools: HTML5, CSS3, JavaScript, PostgreSQL, SQL, Node.js, REACT, React Native, Express.js, Jest, GitHub, Rest APIs, Git Bash

Technical Skills: 3D CAD Modeling, Microsoft Office, SolidWorks, ERP Systems, Quality Management Systems

Technical Projects

Henry Huynh's Portfolio Site | [GitHub](https://github.com) | [Netlify](https://netlify.com)

July 2023

Created a visually appealing and interactive portfolio website that showcases my personal profile and notable projects.

- Developed with HTML5, CSS, and Javascript.
- Demonstrated front-end development expertise through the creation of a dynamic and responsive portfolio.
- Design an organized site layout that automatically adjusts for a clean and concise display of information.

Education

Fullstack Academy via San Jose State University

February 2022 - August 2022

Certification: Software Web Development Certification, August 2022

San Jose State University

August 2014 - May 2019

Major: BS Industrial Technology, Manufacturing Systems **Minor:** Business Management

Certification: Network Pro Certification, TestOut Network Pro, 2018

Related Coursework: 3D Printing and Apps, Quality Assurance, Operation Management, Supply Chain Management