Henry Huynh

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LinkedIn: linkedin.com/in/HenryQHuynh **GitHub:** github.com/HenryQHuynh

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, Cura, SketchUp, ERP Systems

Experience

Associate Test Engineer | Onto Innovation | Milpitas, CA   **May 2021 - January 2023**

Efficiently completing a 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, and final inspection to meet customer specifications and industry quality standards.
- Performed over 150 quality checks to troubleshoot as needed and to 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 jobs
- New Product Introduction (NPI) projects of high-value items/assemblies.
  - Create required documentation during the prototype phase and inspection processes.
  - Adjusted CAD Models for varying stages of product development.
- Complete RFQs for materials, components, and outside process operations that conform to customer requirements.
- Review external standards and customer specifications, and deliver instructions effectively to team members.

Provide Quality support as needed:

- Create documentation, maintain, and improve the Quality Management System (QMS) linked to the Enterprise Resource Planning (ERP) System.
- Schedule and conduct Customer/Internal 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.
- Provide print redlining as needed for internal and customer prints.
- 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.

Technical Projects

Tower Communication Terminal (TCT) | GitHub | Netlify   **May 2022**

A Craigslist-esque clone where users will be able to create a profile, add/remove items to sell, and view other items.

- Developed with Javascript, HTML5, CSS, and REACT; with BackEnd API utilization.
- Implemented a backend API to store user data and information input to "sell."
- Leveraged password-protected feature to enable users to view items and create postings to sell merchandise.

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