

Jeffrey Huang

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WORK EXPERIENCE

Honeywell Aerospace

Torrance, CA

Systems/Project Engineer/Export Compliance Authority

January 2024 – Present

- Awarded Bronze and Silver HW Bravo Awards 2024 by going above and beyond in process/production support for R&D
- Authored, appraised, and edited White Papers, Acceptance Test Procedures (ATP), Test Instructions (TI), etc.
- Delivered proposals (RFP) and estimates after reconciling customer requirements (V&V), Statements of Work (SOW), etc.
- Acted as Export Compliance (L2) authority and supported Jurisdiction and Classification program with determinations
- Facilitated and relayed relevant, real-time sub-team developments while maintaining rapport and fulfilling daily tasks
- Supported SDLC/IMS milestones and tasks, e.g.: MRR, TRR, PDR, CDR, TIM, Qual./Dev./Env. Testing, etc.
- Designed, implemented and maintained scripts to automate processes, tasks, and analysis reports

Advanced Manufacturing/Production Engineer

November 2022 – January 2024

Manufacturing Quality/Process Engineer

April – November 2022

- Dispositioned over \$10+ million in parts and drove down Prelim. Review Board materials under \$400k
- Supported OEM production by reducing average monthly outstanding quality reports/notifications by over 75%
- Led and engaged in ATP's and quality audits, generated and validated non-conformance report fidelity
- Implemented continuous process and cost improvements (CI/CD) to facilitate project progress
- Attended daily tier meetings to report status, metrics and discuss rolling actions item list (RAIL) to senior leadership
- Spearheaded DFX/DFM efforts by proactively collaborating with NPI/NPD and R&D teams and providing Mfg. feedback
- Drove Root Cause Corrective and Preventative Actions (RCCA/CAPA) to drive down nonconformances
- Generated, assessed, and updated routings to adhere to Standard Operating Procedures (SOP), work orders, etc.
- Drove First Article Inspections (FAIR), Verification of Builds (VOB), Failure Mode and Effects Analyses (D/PMMEA)
- Evaluated BOMs, drawing adjustments from engineering change notifications (ECN/ECO) to release new materials revisions
- Interfaced with suppliers, vendors, technicians, operators, engineers, management and onboarded and mentored new hires

Young Scholars Institute

San Marino, CA

College Admissions Counselor/Instructor

April 2024 – Present

- Consulted with students and families to implement “Unique Admission Strategies” (UAS) to bolster college applications
- Kept biweekly correspondence, tracked performance, and provided guidance and round-the-clock essay editing/proofreading
- Gave lectures on a variety of disciplines, tests (SAT, ACT, AP, ISEE) and provided individualized tutoring, plans per student

Ambit Studio LLC

Walnut, CA

Software Engineer

July 2021 – December 2022

- Debugged, fixed, and extended functionality for software product development to over 250 websites
- Maintained codebase by optimizing outdated element selection in DOM as well as legacy code redundancies
- Tested software and subsequently identified problem areas in prepared documentations for senior SWE support

AC DC Marine Inc

Torrance, CA

Electrical Engineering Intern

November 2021 – April 2022

- Facilitated design choices by choosing and assembling key gauges, wiring harnesses and other electrical components
- Fabricated custom electronic assemblies for maritime vehicles using power, machining tools while following best practices
- Inspected and resolved assemblies and executed tests for quality control, design finalization and standards adherence

EDUCATION

UC Irvine; Bachelor of Science; Aerospace Engineering; Dean's List

Irvine, CA

SKILLS

- ERP/MRP/MES/QMS: SAP; PLM: Teamcenter TC13, EWI; MS Office, MBSE, V&V, Requirements Decomposition
- 6σ, 5S, Lean Mfg., GMP, Kaizen, 5Y, 8D, AS9100, ISO9001, MIL-STD-810/1553, DO-160G, DO-178, IPC, WHMA
- SolidWorks, AutoCAD, Siemens NX, ANSYS, FEA/FEM, GD&T, STK, AVL, XFLR5, XFOIL, CAN, J1939, NMEA2000
- Machining, woodworking, power/hand tools, CNC, Additive Mfg. (AM): Binder Jet, 3DP: FDM, SLA
- Languages: React, JS, jQuery, Regex, HTML, CSS, Git, Fork, VBA, MATLAB, Java, Python, JIRA, Cantonese, Mandarin
- CCNA Networking Fundamentals, TCP/IP, Ethernet, CAN, Verilog, Altium, PLC