Dylan Moreland

Mountain View, CA | (650) 793-5217 | dylan.c.moreland@gmail.com | dylanmoreland | dylanm312

Education

M.S. ENGINEERING MANAGEMENT (WITH DISTINCTION) | JUN 2022 | CAL POLY, SAN LUIS OBISPO
· Technical Project Management, RFID in Manufacturing and Food Supply Chains
· GPA: 3.85

B.S. INDUSTRIAL ENGINEERING (CUM LAUDE) | JUN 2022 | CAL POLY, SAN LUIS OBISPO
· Process Improvement Fundamentals, Cost Analysis, Database Design, Technical Writing, Computer Program'g
· Major/Overall GPA: 3.83/3.51; music minor

Skills and Certifications

· **Aviation:** Private Pilot Certificate – Airplane Single-Engine Land
· **Operating Systems:** Windows, macOS, Ubuntu
· **Languages/Frameworks:** Python, Django, Flask, Streamlit, Arduino (C++), Java, HTML/CSS/JS, PHP, SQL
· **Programs:** Microsoft Office 365, Power Apps/Automate/BI, Freshservice ITSM, Active Directory & Group Policy
· **Networking Theory:** Switching, routing, VLANs, TLS basics, OSI & TCP/IP models
· **Miscellaneous:** MS Access and relational DBMS theory
· **Certifications:** Harvard CS50 AI, Celonis Process Automation, Cert. SolidWorks Pro., IPC-A-610, LSS Yellow Belt

Experience

PRODUCT QUALITY ENGINEER | CISCO SYSTEMS, INC. | AUG 2022 – PRESENT
· Reduced mean quality issue resolution time by **50%** via root cause analysis and corrective/preventive actions
· Designed, developed, tested, and deployed Python scripts to analyze customer returns and provide insights into common failure modes
· Built a new data analysis tool to reduce time-to-data and time-to-mitigation by **over 90%**

INDUSTRIAL ENGINEERING INTERN (2X) | LUMENTUM, INC. | JUN 2020 – SEP 2020; JUN 2021 – SEP 2021
· Reduced mailroom package delivery cycle time by 83%
· Restructured global supply chain to optimize product delivery (in progress)
· Revised production process to reduce cycle time and remove waste
· Created training materials for production employees on new process

**R&D AND OPERATIONS INTERN | VENUS CONCEPT, INC. (formerly RESTORATION ROBOTICS, LLC.) |
JUN 2019 – SEP 2019**
· Developed manufacturing jigs/fixtures for autonomous hair restoration robot (Artas iX)
· Assembled components and executed test scripts for R&D and production robots
· Collaborated with engineering, QC, and manufacturing teams to ensure high product performance and reliability

CONTRACT TECHNICIAN | HELLOTECH, INC. | JUL 2017 – JUN 2022
· Installed and troubleshooted computers, printers, phones, and IoT technology in clients' homes
· Educated clients on how to gain maximum benefit from their new devices

WEBMASTER | BBYO, INC. | 2013-2015
· Built and maintained custom website for high school leadership organization using Bootstrap & custom PHP backend to communicate event info, host board member bios, and more

Leadership/Volunteering

PROJECT MEMBER | SYSTEMS OPTIMIZATION CLUB | JAN. 2018-JAN. 2020
· Provided pro bono industrial engineering consulting to local companies