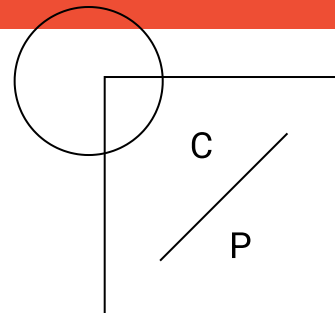


# Christopher

# Dang, PE



## + Personal Information

📍 Glendale, United States  
📞 6265606810  
✉ christopherdang1992@yahoo.com

## + Profile

Active DOD Clearance. Professional Engineer (PE) who's a quick learner, having solved many problems across multiple avionics platforms, including cases with no prior experience. I am proud to have kept F-15 ADCP2 line up even through a full site migration. I like to go all in such as when I decided to go for my PE and passed both FE and PE on the first try, all within a year. Looking for opportunities to challenge myself while technically contributing to impactful projects via excellent engineering.

## + Work Experience

📅 06/2023 – PRESENT 📍 PHOENIX, UNITED STATES

### Lead Systems Engineer Honeywell International Inc

- Resolved multiple complex F-15 ADCP2 issues at the customer to their satisfaction
- Scaled testing capabilities via hardware & software upgrades by 280%
- Addressed FAI concerns for new vendor production lines, resulting in smooth integration
- Supported & passed FCA, PCA, ATP, and Configuration Management audits
- Completed Level of Repair Analysis (LORA) & Depot Activation Requirements documentation
- Certified L2 export classifier with over 230 classifications done (L3 certification in progress)
- AET proposals, both ROM and TINA-level
- Authored over 95% of project documentation on the organizational wiki
- Troubleshoot and supported T-45 test solutions

📅 02/2021 – 06/2023 📍 PHOENIX, UNITED STATES

### Senior Advanced Test Engineer Honeywell International Inc

- Led team of engineers & technicians for F-15 ADCP2

## + Work Experience

- Responsible for all F-15 ADCP2 test software development and sustainment: 11 automated LRU testers, 2 automated SRU testers, 5 manual SRU testers, 2 software benches, 5 thermal testers, and 2 vibration testers.
- Successful rollout of a new test data SQL database, bettering test analytics by orders of magnitude.
- Pioneered AGILE team workflow via JIRA.
- Improved test software for efficiency and test times with the audit software 60% faster
- Solved problems on programs: C-17, B-1, F-16, F-18, C5, C-130, & more.

📅 01/2019 – 02/2021 📍 PHOENIX, UNITED STATES

### Advanced Test Engineer Honeywell International Inc.

- Successfully led the redesign & build of a new ATE, including software integration
- Led development of updated test chassis for automated card tester
- Represented Honeywell for F-15 ADCP2, resulting in successful CMMI Level 3 appraisal
- Solved overheating in ESS testing, mitigating future escapes and saving test time and material costs
- Essential test support for a successful software Qual

📅 01/2018 – 01/2019

📍 ALBUQUERQUE, UNITED STATES

### Engineer 2 Test Honeywell International Inc.

- Developed 1553 VME Board driver for obsolescence on C-5 SILs on VxWorks
- Developed BIT decoding & enhanced troubleshooting capability on ATP
- Improved ESS Thermal test for all ADCP II programs, adding multi-UUT testing capability
- Refined & released detailed acceptance test procedure documents for all ADCP2 programs
- Led the ARINC-818 & fibre channel ATP test updates
- Developed new Large Area Displays QUAL testing

📅 06/2015 – 01/2018

📍 ALBUQUERQUE, UNITED STATES

### Engineer 1 Test Honeywell International Inc.

## + Work Experience

- Completed LRU manual test software development via CVI
- Developed software for LRU automated firmware & software loading & auditing using JTAG, RS-232, & SPI
- TestStand Development and documentation for ATP
- Fixed issues on ESS thermal & vibration test software
- Designed and implemented ARINC-818 testing

📅 06/2014 – 08/2014 📍 HOUSTON, UNITED STATES

### Hardware Design Intern Hewlett Packard

- Designed, tested, and deployed a new test system for HP SmartDrive product line at multiple sites, resulting in decreased escapes.
- Conducted thorough troubleshooting of server system prototypes

📅 01/2014 – 01/2015 📍 SOCORRO, UNITED STATES

### NMTSAT Subsystem Lead New Mexico Tech

- Lead the analysis, testing, and update of the Langmuir Plasma Probe subsystem, including schematic and PCB design using EDA

## + Skills

Team Leadership  
TestStand, C, CVI, LabVIEW, Matlab, Python, Assembly  
Development  
Documentation  
ClearCase, ClearQuest, and Teamcenter  
Confluence, JIRA, Bit Bucket, SVN, GIT  
Export Classification

## + Awards

📅 12/2022

### Chief Engineer's Recognition Award Honeywell

📅 06/2020

### Top Flyer Award Honeywell

📅 02/2020

### Outstanding Engineer Award Honeywell

## + Education

📅 08/2011 – 05/2015

### Electrical Engineering | BS, High Honors New Mexico Institute of Mining and Technology

## + Certificates

📅 01/2025

### Professional Engineer (Electrical and Computer)

#### Arizona Board of Technical Registration

<https://btr.az.gov/licensees/engineerelectrical/christopher-dang>

📅 04/2024

### Cisco Certified Network Associate Cisco

📅 02/2024

### FAA Part 107 Certified Drone Pilot Federal Aviation Administration

📅 03/2016

### Six Sigma Green Belt Honeywell

📅 2023

### L2 Export Classifier Honeywell

📅 2017

### N2 Japanese-Language Proficiency The Japan Foundation

## + Publications

📅 12/2012

### New Mexico Tech Satellite Design and Progress

#### American Geophysical Union, Fall Meeting 2012

<https://ui.adsabs.harvard.edu/abs/2012AGUFMSA11A2136L/abstract>

## + Self Improvement Projects



L3 Certification  
in Progress



ISC2 Cyber  
Security  
Certification in  
Progress