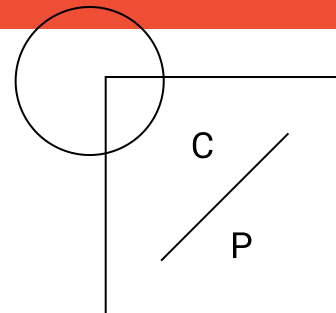


Christopher

Dang, PE



+ Personal Information

📍 Glendale, United States
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🌐 <https://DrDang.github.io>

+ 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

- Modeling requirements for new product introduction of the Honeywell 360 Display for Military ground vehicles
- 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

+ Work Experience

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

Senior Advanced Test Engineer Honeywell International Inc

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

+ Work Experience

06/2015 – 01/2018

ALBUQUERQUE, UNITED STATES

Engineer 1 Test Honeywell International Inc.

- 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, SQL (PostGRE & MS SQL Server), Assembly Development, Multisim, Ultiboard
Documentation, Word, Excel, Powerpoint
ClearCase, ClearQuest, and Teamcenter
Confluence, JIRA, Bit Bucket, SVN, GIT
Export Classification (L3 level)
Enterprise Architect, Eclipse Papyrus, MBSE, SysML

+ 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



ISC2 Cyber
Security
Certification in
Progress