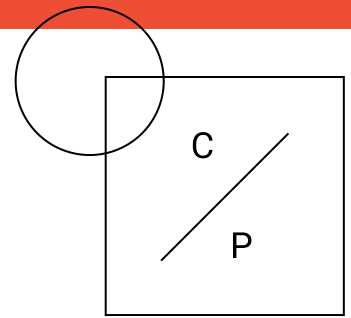


# Christopher

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# Dang, PE

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## + Personal Information

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📍 Glendale, United States  
📠 6265606810  
✉ christopherdang1992@yahoo.com  
🌐 <https://DrDang.github.io>

## + Profile

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Professional Engineer (PE) quick learner who has solved problems across multiple avionics platforms and now working on space systems and RF. I am proud to have the kept F-15 ADCP2 line up even through a full site migration across the US. I like to go all in like 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!

## + Work Experience

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📅 05/2025 – PRESENT  
📍 ALBUQUERQUE, UNITED STATES  
**Advanced RF Systems Engineer**  
**AV**

Currently working on BADGER and WASP space op solutions (<https://bluehalo.com/space/space-operations/>).

📅 06/2023 – 05/2025 📍 PHOENIX, UNITED STATES  
**Lead Systems Engineer**  
**Honeywell International Inc**

- Modeled 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)

## + Work Experience

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- 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
- 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

## + Work Experience

- Refined & released detailed acceptance test procedure documents for all ADCPII 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.

- 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, GanttProject  
ClearCase, ClearQuest, and Teamcenter  
Confluence, JIRA, Bit Bucket, SVN, GIT  
Export Classification (L3 level)  
CAMEO, Enterprise Architect, Eclipse Papyrus, Jama  
Connect, MBSE, SysML

## + Awards

📅 12/2022

### Chief Engineer's Recognition Award

#### Honeywell

## + Awards

📅 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

### L3 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>