



CODY PALMER

Systems Engineer



palmerco.work@gmail.com



www.palmer.work



palmerco

“Accomplished engineer recognized for excellent communication skills, adept leadership, attention to detail, and proven ability to manage simultaneous tasks.

EXPERIENCE

BWI Group North America Inc

Verification Lead Engineer – Control Algorithms

Dayton, OH

Jun. 2023 – Present

- **Claim to fame:** develop Model-In-the-Loop (MIL) Simulink test benches to efficiently verify algorithm changes before releasing to customers
- Develop and fix control algorithm logic to meet customer requirements
- Train new employees on HIL system and processes
- Meet with customers to assess ongoing product development, explore future opportunities, and actively promote sales growth

Systems Test Engineer

- **Claim to fame:** implementing regression testing with version control
- Develop and execute logical tests for sub-system level requirements
- Maintain and debug software tools for the Hardware-In-the-Loop (HIL)
- Document test results within requirement tracking software

Northrop Grumman

Principal Systems Engineer

Redondo Beach, CA

Nov. 2020 – Nov. 2021

- **Claim to fame:** programming scripts to replace time-consuming processes
- Developed BER curve simulations for communication systems
- Computed RF requirement capabilities, margins, and compliance
- Implemented system engineering V-Model for a large set of requirements
- Wrote requirement verification documents
- Co-lead 2021 Summer Interns assignments

Dynetics – A Lidos Company

Electrical Engineer II

Dayton, OH

Dec. 2017 – Aug. 2020

- **Claim to fame:** adding new capabilities to radar models in MATLAB
- Project manager for TMAP technical support tasks
- Project manager and developer for a signals analysis task
- Performed research and analysis of EW platforms
- Added advanced functionality to a MATLAB/Simulink radar scan GUI
- Generated unit tests for C++ Mex S-Functions
- Managed office's social committee events

TECHNICAL STRENGTHS

MATLAB	10+ Yrs
Microsoft Excel	10+ Yrs
Signal Processing	6 Yrs
PowerPoint	10+ Yrs
Modeling/Simulation	6 Yrs
Subversion	6 Yrs
DOORS	1 Yr
Cradle	2 Yrs
LaTeX	2 Yrs
Python	1 Yr
QT GUI	1 Yr
Networking (TCP/IP)	1 Yr
HTML/CSS	1 Yr
Linux OS	1 Yr

INTERESTS

Traveling
Running
Social events
Chess
Graphic design

EDUCATION

Wright State University

M.S., Electrical Engineering | GPA 4.0

Dayton, OH

Aug. 2016 – Apr. 2018

Wright State University

B.S., Electrical Engineering | GPA 3.82 | Honors Degree

Dayton, OH

Aug. 2013 – Apr. 2017