

# **CODY PALMER**

Electrical Engineer

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www.palmer.work

**TECHNICAL** 

**STRENGTHS** 

Signal Processing

Telecommunications

Modeling/Simulation

PowerPoint Diagrams

Radar Theory

**MATLAB** 

SVN/Git

Python

**DOORS** 

QT GUI

HTML/CSS

Linux OS

Microsoft Excel

Networking (TCP/IP)

LaTex



8 Yrs

6 Yrs

6 Yrs

6 Yrs 4 Yrs

4 Yrs

4 Yrs

1 Yr

1 Yr

2 Yrs

4 Yrs

1 Yr

1 Yr

1 Yr

1 Yr

Interactive, Orderliness, Friendly, Imaginative, Ambitious

#### **EXPERIENCE**

#### **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 Liedos 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
- Interfaced air-to-surface capabilities into a Simulink model
- Managed office's social committee events

## Air Force Institute of Technology

Dayton, OH

Electrical Engineering Intern

Nov. 2015 - Dec. 2017

- · Claim to fame: coding PSK and QAM modems in MAILAB
- Configured Windows and Linux OS for students
- Studied the effects of physical layer algorithms on software defined radios
- Wrote reports in LaTex regarding communication research

### **EDUCATION**

Wright State University

Dayton, OH

M.S., Electrical Engineering | GPA 4.0

Aug. 2016 - Apr. 2018

Wright State University

Dayton, OH

#### **INTERESTS**

Learning new material Chess Social events Hiking Apex Legends

B.S., Electrical Engineering | GPA 3.82

Aug. 2013 - Apr. 2017