CODY PALMER

Electrical Engineer

✉ palmerco.work@gmail.com 🏠 www.palmer.work in palmerco

❝ 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
Electrical Engineering Intern

Dayton, OH
Nov. 2015 – Dec. 2017

- **Claim to fame:** coding PSK and QAM modems in MATLAB
- 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
M.S., Electrical Engineering | GPA 4.0

Dayton, OH
Aug. 2016 – Apr. 2018

Wright State University
B.S., Electrical Engineering | GPA 3.82

Dayton, OH
Aug. 2013 – Apr. 2017

TECHNICAL STRENGTHS

MATLAB	8 Yrs
Signal Processing	6 Yrs
Radar Theory	6 Yrs
Telecommunications	6 Yrs
SVN/Git	4 Yrs
Modeling/Simulation	4 Yrs
PowerPoint Diagrams	4 Yrs
Python	1 Yr
DOORS	1 Yr
LaTex	2 Yrs
Microsoft Excel	4 Yrs
QT GUI	1 Yr
Networking (TCP/IP)	1 Yr
HTML/CSS	1 Yr
Linux OS	1 Yr

INTERESTS

Learning new material
Chess
Social events
Hiking
Apex Legends