

# Jack Linke

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## EDUCATION

### ARIZONA STATE UNIVERSITY

BS IN ELECTRICAL ENGINEERING  
Expected Dec 2017 | Tempe, AZ  
Cum. GPA: N/A

### MARINE CORPS COMMUNICATION ELECTRONICS SCHOOL

AVIATION RADAR TECHNICIAN  
Grad. 2009 | Twentynine Palms, CA

ADVANCED ELECTRONICS COURSE  
Grad. 2009 | Twentynine Palms, CA

AVIATION RADAR REPAIRER  
Grad. 2005 | Twentynine Palms, CA

## LINKS

Github:// [Projects-and-Stuff](#)  
LinkedIn:// [jacklinke](#)

## VOLUNTEER WORK

2015-2015 | Beaufort Conservation District  
2012-2015 | Parris Island Rod and Gun Club  
2012-2012 | Beaufort County Public Works  
2011-2011 | International New Plays Festival of Beaufort  
2009-2009 | Joshua Tree National Park Association  
2007-2009 | 29 Palms Art Gallery  
2005-2006 | Okinawa-American Animal Rescue Society

## SKILLS

### APPLICATIONS AND CONCEPTS

Strong Experience:  
Cadsoft Eagle • Electronics Design • FTP (CLI & GUI) • KiCad • Logical Troubleshooting • Office Suites • Public Speaking • Use of Test Equipment •

Medium Experience:  
Autodesk Products • Embedded C Programming • Git & GitHub • Matlab • Project Documentation • Solidworks •

### PROGRAMMING

C/C++ • Pascal • Java (+Android) • Matlab • PHP • Python • MySQL/SQLite •  $\LaTeX$

## EXPERIENCE

### USMC | AVIATION RADAR TECHNICIAN AND SUPERVISOR

Feb 2009 – Nov 2015 | Beaufort, SC

- Supervised preparation, pack-up, and embarkation of Radar systems for training and combat deployment
- Supervised the maintenance management of equipment records, and inventory for 42 principle end items valued at over \$4.5 million
- Designed Microsoft Access database to improve inventory, packing, and embarkation of Radar systems
- Lead, instructed, evaluated, and mentored 9 Maintenance Marines

### USMC | RADAR THEORY INSTRUCTOR

Feb 2007 – Feb 2009 | Twentynine Palms, CA

- Generated and updated interactive courseware program for six different Radar Theory courses
- Delivered 158.5 hours of lecture, practical application and performance examinations
- Designed and employed a training database to maximize efficiency and effectiveness of record-keeping and planning
- Administered maintenance management program requiring identification, research, requisitioning, repair, and installation of corrective and preventative maintenance parts

### USMC | AVIATION RADAR REPAIRER

Dec 2003 – Feb 2007 | Twentynine Palms, CA & Okinawa, JP

- Performed preventive and corrective maintenance on two different Aviation Radar systems and associated equipment utilizing the fundamentals of radar and electronics to analyze schematics, diagnose faults and effect repairs
- Maintained maintenance and inventory records for Radar systems and associated equipment
- Developed a guidebook for Marines seeking to take Marine Corps Institute courses for College Credit

## PROJECTS AND RESEARCH

### PROJECTS AND STUFF LLC | OWNER / LEAD ENGINEER

Jan 2011 – Present | Beaufort, SC

## AWARDS

2013	Navy & Marine Corps Achievement Medal
2012	Navy & Marine Corps Achievement Medal
2009	Navy & Marine Corps Achievement Medal
2009	Aviation Radar Technician Honor Graduate (97.9% Final Grade)

## SOCIETIES

2013-2015	Institute of Electrical and Electronics Engineers (student)
2013-2015	American Radio Relay League