

KARL
Address 1
Address 2
School email
Phone number

education

2007-2009

HARVARD BUSINESS SCHOOL

BOSTON, MA

Candidate for Master in Business Administration, June 2009. Member of Volunteer Consulting club. Performed cost analysis for a non-profit organization that champions education initiatives in South Africa. Awarded First Year Honors. GMAT-780.

DUKE UNIVERSITY

DURHAM, NC

Master of Science in Mechanical Engineering and Materials Science. Authored thesis on the deformation process in a unique family of titanium alloys.

DUKE UNIVERSITY

DURHAM, NC

Bachelor of Science degree, *Summa Cum Laude*, in Mechanical Engineering and Materials Science. Achieved 3.9/4.0 GPA. Phi Beta Kappa. Selected as Battalion Commander, highest position in 400 person NROTC unit.

experience

2003-2007

**UNITED STATES NAVY, VFA-81
FA-18 Pilot / Department Head**

VIRGINIA BEACH, VA

Led 220 personnel as a key manager for a deployed, combat squadron. Oversaw a \$6 million operational budget, the readiness of twelve FA-18 fighter aircraft, and the maintenance of \$11 million of support equipment.

- Increased the qualification levels of people in department by 95% over a six-month span by implementing personnel changes and training programs. Ranked as the number one department head in the squadron.
- Achieved perfect combat readiness ratings and improved aircraft capability metrics by 25% through efficient scheduling and use of resources. Squadron awarded Battle E as best FA-18 squadron on East coast.
- Selected to contribute to an executive-level training resource optimization team. Individually devised an allocation plan to save more than \$100 million over next 11 years.
- Chaired a tactics board for *Operation Iraqi Freedom*. Developed and taught operational plans that dramatically improved unit's performance during combat. Earned a Navy Commendation Medal as well as the 2005 Michael Hoff Award as the Outstanding Attack Pilot and Leader in Atlantic Fleet.

2000-2003

**UNITED STATES NAVY, TOPGUN INSTRUCTOR
Chief Instructor Pilot and Standardization Officer**

FALLON, NV

Led TOPGUN staff during the post-9/11 period. Managed and taught super-elite cadre of aviation officers. Ranked as the number 1 officer of 72 contemporaries.

- Taught over 200 students, Navy leaders, and civilian defense industry representatives. Authored three TOPGUN Manual chapters, published two professional articles, and gave over thirty-five formal lectures.
- Consulted with industry engineers at Boeing and Raytheon on the training requirements for advanced air-to-air weapons. Corresponded with various government intelligence agencies on their analysis of threat systems.

1997-2000

**UNITED STATES NAVY, VFA-37
FA-18 Pilot / Division Officer**

VIRGINIA BEACH, VA

Supervised and evaluated 46 maintenance personnel. Awarded Air Medal with Bronze Star and Combat Distinguishing Device for combat flights over Iraq.

- Selected ahead of stage to instruct pilots with more experience and of higher rank.

personal

370 carrier landings, current Top Secret/SCI clearance. Interests include running, SCUBA, and making sushi.