

## Work Experience

### Applied Research Laboratories, University of Texas July 2009 to present

- Designed software for and helped implement sonar systems

### United States Marine Corps Reserve July 2004-July 2009

Rank: Sergeant                      Billet: Squad Leader

- Deployed to Iraq June 2005 - May 2006
  - Fire Team Leader October 2005-February 2006
  - Commanded gun truck and three other Marines during security patrols
- USMC Communication Technician School December 2003 - August 2004
  - Served as Class NCO, in charge of classmates' attendance and performance
  - Learned to troubleshoot military communications equipment
- **Secret Security Clearance** (US Government)

### Eli Lilly and Company, Indianapolis Indiana Summer 2008

- Programmed Yamaha robot to automate research equipment
- Designed software in .NET Visual Basic to interface PC and robot and integrate the robot into a larger design

### LHP Software LLC, Columbus Indiana Summer 2006 and 2007

- Programmed a micro-controller for signal generation and PC interface using assembly language and C
- Assembled and soldered wire harnesses for engine control modules

## Education

### Purdue University, West Lafayette Indiana Graduated May 2009

School of Computer Engineering

Cumulative GPA: **3.79**

Dean's List and Semester Honors 2004-2005, 2006-2009

### Computer Programming Experience

- C - Four semesters at Purdue and one summer internship
- C++ - Two months at current position
- Visual Basic (.NET framework) - One summer internship
- Assembly - One semester at Purdue and one summer internship
- Python - One semester at Purdue and several projects
- Web Design (PHP, MySQL, HTML, CSS) - One semester at Purdue

### Additional Experience

- Purdue's e-Stadium Web Applications Team Member
- Intermediate Unix user