Michael Pratt

CONTACT INFORMATION	2106 Woodbury Drive Hillsborough, NC 27278	mobile: (919) 271-4250 e-mail: michael@pratt.im web: github.com/prattmic

OBJECTIVE   To augment my education through co-op or intern work experience in the electrical and computer engineering field.

EDUCATION   **North Carolina State University**, Raleigh, North Carolina

B.S. Computer and Electrical Engineering   **August 2011 – present**
- Expected graduation date: May 2015
- Current GPA: 4.00/4.00

EXPERIENCE   **Aerial Robotics Club**, North Carolina State University

Hardware and Software Systems Engineer   **August 2011 – present**
- Develop and maintain hardware and software solutions for unmanned aerial systems
- Active developer of computer vision based automatic target recognition software
- Developed autotracking system for unattended ground-to-plane communication
- Payload operator for 2012 team at the AUVSI Student Unmanned Aerial Systems competition.

Orange County Schools, Hillsborough, North Carolina

Information Technology Intern   **January – June 2011**
- Maintained and repaired school computers and network
- Assisted in initial implementation of computer ghosting system
- Lead project to upgrade computer ghosting system
- Worked independently to solve IT issues

PROGRAMMING SOFTWARE   C, Python, ARM Assembly, Bash, Go, SQL
Linux, Git, GDB, LaTeX, HTML, CADsoft Eagle

OTHER PROFESSIONAL EXPERIENCE   **Technician**, North Carolina State University

Photographer   **August 2011 – May 2012**
- Tackled time-sensitive independent and group photo assignments

COMMUNITY INVOLVEMENT   **Boy Scouts of America**, Durham, North Carolina

Member and Eagle Scout   **August 2004 – June 2011**
- Designed and carried out a plan to improve an elementary school nature trail
- Earned Eagle Scout Award in October 2010

Senior Patrol Leader   **January 2010 – January 2011**
- Led troop meetings, activities, and leadership council
- Actively worked with troop members to solve interpersonal conflicts

RELEVANT COURSEWORK
- Electric Circuits (in progress)
- Signals, Circuits, and Systems
- Computer Systems Programming (C)

HONORS AND AWARDS   Dean's List, North Carolina State University, Fall 2011 and Spring 2012
Goodnight Scholarship, North Carolina State University, 2011
People Helping People Scholarship, NC State Employees' Credit Union, 2011
Eagle Scout Award, Boy Scouts of America, 2010

REFERENCES   *Available upon request.*