

**Adam Harris** (704)-496-3863

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Portfolio: <http://www.adam.projectbloc.com>

## Experience

**SheekGeek LLC**, Charlotte, NC 4/2005 – Present

### Co-Owner/R&D

- Started up business and increased sales 300% each year
- Designed circuits and PCBs in EagleCAD
- Pursued designs from concept to production
- Designed and implemented a multiuser portfolio website based on Wordpress.

**North Carolina Junior Engineering and Technologist Society**, Charlotte, NC 4/2007 – Present  
(National Science Foundation grant project at the University of North Carolina at Charlotte)

### Student Project Coordinator

- Planned major events and competitions involving up to 700 people
- Designed rules and courses for robot, trebuchet, paper, and website competitions
- Designed curriculum for and taught middle and high school summer camps
- Interviewed, hired, and managed NCJETS mentors
- Increased enrollment by presenting to schools about the NCJETS program

**Freelance Writer**, Charlotte, NC 5/2008 – Present

- Creating how-to articles at Hackaday.com <http://hackaday.com/author/adamharris/>
- Published in Instructables.com Best of Instructables Volume 1, O'Reilly Media Inc. 2008

**University of North Carolina at Charlotte**, Charlotte, NC 2/2006 – 4/2007

### Technical Assistant

- Maintained professional contacts with users by phone or in person
- Solved problems on users' Windows XP, UNIX and Linux accounts on the MOSAIC Computing Network through UNIX.

**Micro Robotics Supply, Incorporated**, Huntersville, NC 9/2004 – 9/2006

### Consultant

- Constructed biologically inspired robotic kits
- Conducted research on new uses for current hardware

## Education

**University of North Carolina at Charlotte**, Charlotte, NC

- M.S. Electrical Engineering Expected 5/2010
- B.S. Electrical Engineering Technology 5/2008

## Skills

**Software:** Unix, Linux, Windows XP, EagleCAD, OrCAD, Electronics Workbench, Xilinx, ModelSim

**Languages:** Assembly language, Embedded C, and C/C++, Java.

**Hardware:** AtTiny2313, ATmega128, 68HC11, 68000, Renesas M16C, Spartan3

## Personal Interests

Robotics, design, writing, C/C++ programming, computer numerical control machines, GTK+, OpenGL, painting, drawing, kayaking, and rock climbing