

Experience

SheekGeek LLC, Charlotte, NC 4/2005 – Present

Co-Owner/R&D

- Built business from the ground up
- Designed circuits and PCBs in EagleCAD
- Pursued designs from concept to production
- Designed and implemented an ecommerce website based on ZenCart (<http://sheekgeek.com>)

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/Graduate Assistant

- 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
- Author and Owner of DIY blog website SheekGeek.org (<http://sheekgeek.org>)

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 – 5/2006

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 8/2010
- B.S. Electrical Engineering Technology 5/2008

Skills

Software: UNIX, Linux, Windows XP, EagleCAD, Electronics Workbench, Xilinx, ModelSim

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

Hardware: Renesas M16C, ATmega128, ATmega168, AtTiny2313, 68HC11, 68000, Spartan3

Personal Interests

Robotics, design, writing, programming, mountain biking, singing and playing guitar (playing shows periodically), kayaking, education, literature, and the DIY community