

ROBERT COFIELD

School Address

239-B East Glenn Ave
Auburn, AL 36830
(205) 260-7269
rgc0003@tigermail.auburn.edu

Permanent Address

5685 South Shades Crest Rd
Bessemer, AL 35022
(205) 424-2843
robertgcofield@gmail.com

OBJECTIVE

Undergraduate Research Assistant position in GAVLAB utilizing programming skills and vehicles experience.

EDUCATION

Bachelor of Science, Mechanical Engineering

Auburn University, Auburn, AL GPA: 3.79/4.00 Spring 2013

- Investigated robotic leg mechanism design for honors contract course credit. Modelled kinematics and dynamics of twelve-bar Jansen linkage to evaluate load transportation potential.
- Gained machining experience in passing certification for Design & Manufacturing Lab.
- Continued development of teamwork skills while completing numerous group projects.
- Acquired basic signal processing and controls abilities.

PROFESSIONAL EXPERIENCE

Pizza Hut, Inc.

December 2010 - September 2011

Delivery Driver, Auburn, AL

- Serviced personal vehicle throughout 1100+ hours of on-duty driving.

Fargason Contracting, Inc.

Assistant to Licensed Contractor and Electrician, Birmingham, AL

May 2009 - December 2009

- Operated light-duty service vehicles, including forklift in warehousing tasks, Bobcat skidsteer loader in land-clearing and demolition tasks, and large multi-axle trailers.
- Trained in operating and maintaining extensive array of industrial power tools.

COMPUTING SKILLS

Operating systems experience includes Windows, Mac, & many Linux distributions; MATLAB scripting & object-oriented programming; Microsoft Word, Excel, Powerpoint, & OneNote; L^AT_EX; Solid Edge; ANSYS

RELEVANT EXPERIENCE

- Repaired and tuned clutch-actuated, fixed rear wheel steering system on commercial mower with trailer dynamics; operated several zero-point-turn mowers on a paid basis.
- Worked with John Deere 950 Farm Tractor and various attachments throughout childhood (supervised).

MEMBERSHIPS & HONORS

Dean's List, Fall 2009 - Summer 2011

Spirit of Auburn Founder's Scholarship

ConocoPhillips Mechanical Engineering Scholarship

TAU BETA PI Engineering Honor Society

PI TAU SIGMA Mechanical Engineering Honor Society

PHI KAPPA PHI International Honor Society

Auburn University Linux Club

Auburn University Outdoor Adventure Club—Quartermaster, 2008 - Present