

Sawaiz Syed

190 Lembeth Court ♦ Alpharetta, GA 30004 ♦ (678) 457-2610 ♦ sawaiz@sawaizsyed.com

Objective: Seeking a position in the electrical engineering industry.

Education

Georgia State University, Atlanta GA
Bachelor of Science, Physics, Computer Science

Expected Graduation 2015

Alpharetta High School, Alpharetta, GA
GPA 86%

Spring 2011

Work Experience

Currently, Along with constantly appending skills listed below

- Designing and Building a wireless Laser Cutter.
- Designing laser cut Split Flap Display.
- Programing AVR microcontrollers.
- Managing and improving data and print server.
- Setting up website on personal domain.
- Designing and producing circuit board business card.
- Outlining a book to teach introductory electronics through hands on experience first.

Georgia State University, Atlanta, GA
Teaching Assistant for PHYS-1112K

February 2013- May 2013

- Grading labs, tests and other assignments in a timely manner.
- Aid students in explaining and checking understand of concepts taught in class.
- Aiding teacher in various activities such as collecting papers, and taking attendance.

Roswell Telemetry Roswell, GA
Embedded Systems Programmer and Electrical Engineer

February 2012- September 2012

- Atmel .Net Micorframework Porting.
- Construct and maintain Prototyping equipment including an aluminum forge and 3D printer.
- QC and Debug failed hardware.
- Materials Research for future improvement of products.
- Production and testing of field electronics.

Kroger Company, Alpharetta, GA
Courtesy Clerk

June 2010- January 2011

- Assist with customer checkout and bagging
- Manage frontend supplies and replenish as needed
- Maintain clean and safe enviroment as required by standards

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Skills Summary

Technical/Electronics

Circuit design
Soldering
Circuit board design and etching (Eagle)
Microcontroller Processing
Robotics
Server Setup
Woodworking
Networking
CNC Milling
RC planes and robotics
Arduino/AVR
Embedded Systems
Computer assembly
Technical Problem Solving
Mechanical Design
Molding and Casting

Software/Programs

3-D Modeling
3-D Rendering
3-D Animation
C, C++, Java, Python
Google Sketchup
Office Suite
Autodesk Suite
Solidworks
G-code/CAM
Android Development
Adobe Suite
Blender
Eclipse
POV Ray
FTP
Audio video editing
Audacity

Diagramming

Formatting
Printing
Calculus

Achievements

AP Scholar with Distinction
5 on AP Chemistry
4 on AP Physics C Electricity and Magnetism
4 on AP Physics C Mechanics
4 on AP Calculus AB
3 on AP Literature

3 on AP Macroeconomics
Gold level in Georgia work placement exam
Ceterics IT scholarship awarded for 1st place in Robotics
1st place Georgia Technology Fair-Robotics
Science Olympiad State level participant
Science Olympiad Engineering Leader

Organizations

Society of Physics Students at GSU
Science Olympiad
National Science Honor Society

VIBHA Youth
Recycling Club
Hobbies requiring learned skills

Volunteering

Science Olympiad – 48 hours	2009-2012
Recycling Club – 60 hours	2009-2011