

# Andrew C. (Drew) Blackburn

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## Education

**Georgia Institute of Technology**, Atlanta, GA Rising Senior Graduating Spring 2010 Overall GPA – 4.0  
Pursuing a B.S. in Electrical Engineering in 3 years, and M.S. in EE during 4<sup>th</sup> year  
Georgia Tech Honors Program (140 selected students out of 4000 entering students)

### Scholarship

Golden Key International Honour Society – Member  
National Society of Collegiate Scholars – Member  
F.I.R.S.T. Robotics International Scholarship recipient - \$5,000  
AFCEA (Armed Forces Communication & Electronics Association) NOVA Scholarship - \$4,000

## Skills

### Leadership

IEEE Atlanta Chapter Officer – Technology Chair Spring 2008 – Current  
The National Society of Leadership and Success Founding Officer – IT Chair Spring 2009 – Current

### Communication Skills

Presentation skills  
Technical writing  
Public speaking

### Product Research and Development

Undergraduate Research - High Capacity Fiber Optic Communications Fall 2008, Spring 2009  
Topic: Successful conversion of HD analog audio output to optical signals with self designed circuitry

### Software

Microsoft Office 2007, Macromedia Dreamweaver, MYSQL  
Quartus II, PSPICE, NI Multisim, MATLAB, MathCAD, MS Robotics Studio

### Platforms

Microsoft Windows XP/Vista

### Languages

HTML, PHP, Java Script, MATLAB, Assembly, VHDL, C/C++/C#

### Instrumentation

Oscilloscope, Multimeter, Function Generator, Logic Analyzer

### Music Creation and Production

Founder/Lead Guitar/Composer – progressive rock band Spring 2007 – Current

## Experience

### BIT Solutions, Edgewater MD – Programmer

Website Development Summer 2004 – Current

PHP, HTML, Java programming, MYSQL design and integration

### Customer support

Meet clients

Manage specifications and deadlines

### South River Country Club, Edgewater MD – Guest Relations

Pro Shop, Client Services, Cart Management Summer 2006 - 2007

### South River Colony Neighborhood Services - Self Owned

Successful, dependable neighborhood business Summer 2002 – Current

Entrusted with various household securities

House-sitting, Pet care, Lawn and garden services

### Tutoring services

Middle and High School

Math, Science, SAT prep, AP exams