

Charles J. Goodman
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Education:

Georgia Institute of Technology, Atlanta, GA

Candidate for Bachelor of Science in Biomedical Engineering (May 2010)

09/2005-Present

Major GPA: 3.49/4.0

Software Knowledge: LabVIEW, MATLAB, Simulink, SolidEdge, Mathematica, MS Office Suite, Minitab

Experience

Laboratory

- **BMED 3110\3610 – Quantitative Engineering Physiology Labs** 01/2009-07/2009
Applied engineering principles to experimental design
Emphasized statistical analysis of data in dry and wet lab settings
Collected data using LabView signal acquisition suite
- **Florida State University Physics Lab** Tallahassee, FL
Summer Lab Assistant 06/2004-07/2004
Member of a three person team at the particle accelerator laboratory
Developed temperature sensitive circuits to automate a tank filling process
Analyzed output of the circuits created to determine usability

Design

- **BMED 4600/4601 – Senior Design I/II – Novel Endoscopic Accessory** 08/2009-05/2010
Member of five person team designing a product to client provided specifications
Gave progress updates to sponsors on a weekly basis
Maintained a laboratory notebook documenting all meetings and research
Responsible for producing: Project Brief, EDS report, Patent Search, FDA 510(k), Capstone Report
- **BMED 2300 – Problems in Biomedical Engineering II – Thermometer and Syringe Redesign**
Refined and developed biomedical devices
Emphasized working within framework of demands and constraints
Required to produce appropriate documentation for each device

Work

- **Georgia Institute of Technology** Atlanta, GA
Calculus I/II Teaching Assistant 08/2008-present
Responsible for teaching a semiweekly recitation section
Maintained a gradebook for 35 students
Adhered to a structured course layout

Leadership

- **Phi Kappa Theta – Meal Plan Coordinator** 11/2006-11/2007
Managed a 20 person team to provide regular dinners to 40 people four times a week
Responsible for \$8000+ budget per semester
- **Phi Kappa Theta – Secretary** 11/2005-11/2006
Responsible for timely submission of paperwork
Maintained records of fraternity meetings, activities, and documents

Honors

- Member of The National Society of Collegiate Scholars (2006)
- Finalist in Georgia Tech Presidential Scholarship Competition (2005)