

# Theron Donnell Brower Jr.

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## Objective

To obtain a summer internship utilizing my electrical engineering and programming background.

## Education

### **Vanderbilt University**

Master of Science, Electrical Engineering, December 2006  
Thesis: Co-Registration of MRI, NIR, and EEG Image Data

Nashville, Tennessee

### **North Carolina Agricultural & Technical State University**

Bachelor of Science, Electrical & Computer Engineering, May 2004

Greensboro, North Carolina

Overall GPA: 3.72/4.00

## Work Experience

### **RF Micro Devices, Greensboro, NC**

*Intern-Engineering*

June 2004 – August 2004

January 2005 – August 2005

- Created new and modified existing MATLAB, HPVVEE, and Visual Basic programs used to acquire and analyze experimental data taken from power amplifier testing.

### **IBM, Research Triangle Park, NC**

*Qualifications Procurement Engineer (Intern)*

May 2003 – June 2004

- Tested and qualified connector assemblies to ensure mechanical and electrical specs were met.
- Analyzed impedance, cross talk, attenuation, and eye patterns on cable assemblies.

### **North Carolina A&T State University, Greensboro, NC**

*Undergraduate Research Assistant*

January 2003 – May 2004

- Performed research in the area of Signal Processing and Wireless Communication with the Intelligent Mobile Information System Program to modify the control of a RC car from a handheld controller.

### **Unilever Best Foods, Asheboro, NC**

*PLC Programmer (Intern)*

February 2002 – March 2003

- Developed down time application for packaging line operators to reduce paperwork and time.

## Computer Skills

- C++
- MATLAB
- Visual Basic
- UNIX
- Satellite Forms
- MS ACCESS
- MS Excel
- MS Word
- Power Point

## Activities

- Institute of Electronics & Electrical Engineering (IEEE)
- Core Mentors
- Peer Advisement Leadership (PAL) Program
- North Carolina Agricultural & Technical State University Honors Program

## Honors and Awards

- Vanderbilt University Full Academic Scholarship
- General Motors Minority Engineering and Science Scholarship Program
- North Carolina Agricultural & Technical State University Academic Scholarship
- North Carolina Agricultural & Technical State University Dean's List
- Tau Beta Pi – National Engineering Honorary
- Eta Kappa Nu – National Honor Society for Electrical Engineering
- Phi Kappa Phi – National All-Discipline Honorary
- Golden Key International Honors Society