

# John W. Wilkes

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**OBJECTIVE**      **Seeking an entry-level Systems Engineer / Technician position**

**EDUCATION**      **Bachelor of Science in Computer Engineering**      (May 2011)  
University of North Carolina - Charlotte (UNCC)      Charlotte, NC

**SKILLS**      **Computer Systems and Engineering:**

- **Programming languages:** C, C++, Java, VHDL, LabVIEW
- **Software:** Microsoft Office Suite, Xilinx, Cadence Pspice, Modelsim, Matlab
- **Operating Systems:** Windows, Linux
- **Engineering & Programming Coursework:** Network Theory I and II, Logic and System Design I and II, Signals & Systems I, Micro Electronics I and II, Data Communication and Networking I and II, Digital Signal Processing, Computer Organization, Introduction to C++, Introduction to Java, VHDL, Introduction to Robotics, Embedded Systems, Systems II, Professional Practice, and Senior Design

**Technical Experience**

**Team Leader & Principal Engineer for LabVIEW Robotics Senior Design Project**

- Selected for leadership role by Dr. Conrad, who served as faculty Mentor for this Project
- The goal of this project was to design and program lab exercises for a UNCC robotics course using the programming language LabVIEW, and the DaNI robotic platform
- Finalist at UNCC Senior Design Expo Spring 2011

**WORK EXPERIENCE**

**LabVIEW Robotics Engineer**

▪ **National Instruments (Contract)**

May 2011 to August 2011

Updated lab exercises that were originally developed using LabVIEW 2009 for the DaNI robotic platform version 1.1 to LabVIEW 2011 using DaNI 2.0.

**Starbucks Associate who achieved level of "Certified Barista" by Work Effort**

- **Harris Teeter (Starbuck Café)**      November 2010 to July 2011
- **Target Corporation (Starbuck Café)**      July 2007 until November 2010
- **Bi-Lo Corporation (Starbuck Café)**      March 2004 to May 2006

Given responsibilities for training other associates, managing cash, and running "business unit". Developed customer relations and technology applications skills in fast moving retail workplace.

**Additional Training**

**Leader Status achieved - Programs in Leadership & Organization Training (PILOT)**

- Recognized as "Certified Leader" for completion of extra non-credit leadership training.