

Permanent address:



School address:



Objective: Seeking a full-time position in the field of Electrical Engineering related to Digital Imaging.

Academic Record: Bachelors of Science Electrical Engineering and Business with a minor in Spanish

Iowa State University of Science and Technology Ames, IA Aug 2002 – Present

Graduation: May 2007 Semester GPA: 3.09 Cumulative GPA: 2.87

Relevant Skills: *Programming:* C, C++, HTML, Java Script, Cold Fusion. *Systems:* Linux, Mac, UNIX, Windows
Software: AutoCAD, FrontPage, Lotus Notes, Matlab, Microsoft Office, MS Project, PSpice

Professional Experience: **Co-op:** Rockwell Collins Display Apps and Simulation Cedar Rapids, IA. June-August '05. Using MS Project, correlated dates from the base lined schedule into Turn Around Documents and generating Staffing forecast rollups. Procured the required hardware items for a number of construction tasks such as ARH and AAAA. Hardware modifications for FCS Test Stations.

Internship: John Deere Seeding Group Electrical Harnesses Moline, IL. May-August '04. Assessed design of harnesses routes on select tractors. Researched, evaluated and documented harness routing options using DELPHI point system. Updated databases and compared cost effective options.

Co-op: Rockwell Collins Display Apps and Simulation Cedar Rapids, IA. January-May '04. Member of the System Integration Lab (SIL) Construction Engineering Team. Developed price quote and bids for U.S. Coast Guard's HH-25 Part Task Trainers (PTTs). Generated documentation packages for new test facilities and trainers using AutoCAD. Managed the SIL Team's project schedule database. Interfaced with external vendors to procure hardware assets for projects such as the AAAA Flight Demo.

Internship: John Deere Accelerated Design Verification (ADV) Lab Moline, IL. May-Aug '03. Wirelessly transferred data via email through cellular modem. Implemented newly developed wireless software for the Electronic Data Acquisition System (eDAQ). This will allow measurements to be taken on equipment while it is in use by customers and provide a better product to meet the needs of customers in a variety of locations and terrains.

Vulnerability & Security Analysis Team: Information Assurance Center Ames, IA. Jan-May '02. In-house Red Team for government facility. Scanned wireless network activity and tested security for the wireless and wired network to find security holes before hackers exploit them.

Undergraduate Research: Information Systems Security Lab Ames, IA. Sept-May '02. Assisted graduate student with wireless network security research by editing thesis, working with PSpice for electronic countermeasure circuitry and assisting with creation of RF interface simulation code.

4 Internships: Department of Defense (DoD) Soldier Biological and Chemical Command (SBCCOM) Rock Island Arsenal, IL. June-August 1999-2002. Developed a decision support system that utilized the internet to save time and money in the make or buy process. Created and updated government secured and unsecured web pages and databases accessed by soldiers and civilians daily for information.

Honors and Activities: George Washington Carver (GWC) Scholarship
Ronald E. McNair Post Baccalaureate Program
ISU Marching Cyclones Drill Team (MCDT)
Leadership in Academics and Diversity (LEAD)
National Society of Black Engineers (NSBE)
Resident Assistant (RA)/Community Advisor (CA)

Four year full tuition '02 -'06
Research Participant '03 -'06
President '04 -'05
Student Employee '04 -'05
Regional Leadership Chair '05 -'06
Advisor '03 -'05