

Matthew Robinson

1215 Asbury Sq. ♦ Atlanta, GA 30346 ♦ (770) 827-6036 ♦ m.robinson@gatech.edu

EDUCATION

Georgia Institute of Technology, Atlanta, GA

2005-Present

B.S. in Electrical Engineering with Co-op designation (self-funded)
Study abroad at Universitat Politècnica de Catalunya, Barcelona, Spain
Conversational Spanish, Dean's List, National SMART Grant recipient

SKILLS

Undergraduate Research

Sharp Cutoff Voltage Controlled Synthesizer Using Dynamic Resistance of Diodes

Design

Modular Voltage Controlled Analog Phaser
Loudspeaker closed box, vented box, crossover network, driver, and amplifier design
Interactive gesture based music video editor, using arrays of light and infrared sensors
Second place in-class competition for design of RFID tag, based on performance and cost

Communication

Feasibility reports, application notes, recommendation reports, presentation, teamwork, conference facilitation

Management

Team lead, work effectiveness, quality assurance, scheduling, performance, goal planning

Music/Video

Guitar, drums, bass, programming, mixing, recording, live mixing, scoring

Instrumentation

Oscilloscope, multimeter, power supply, function generator, curve tracer, logic analyzer

Programming

Python, Java, Assembly, VHDL, MATLAB, HTML, VBScript

Software

MATLAB, Mathcad, Multisim, Cadence Spice, LTSpice, LabVIEW, Ableton Live, Reason, Guitar Rig, Guitar Pro, Windows 98/2000/XP/Vista/7, Linux, Mac OSX, Microsoft Office, Photoshop, Premiere Pro, Reaper, I-CubeX

Certifications

HDI Help Desk Analyst, HDI Support Center Team Lead, CompTIA A+, MCP, MCDST

Miscellaneous

IEEE, AES, Intramural Soccer, Intramural Flag Football, Racquetball, Tennis, Hapkido, Jujitsu, Muay Thai

EXPERIENCE

Bluewave Computing, LLC

Smyrna, GA

Networking Intern (Part-time)

August 2010 – Present

- Assist in network and infrastructure implementation, monitoring, and troubleshooting.

Pappasito's Cantina

Smyrna, GA

Server (Part-time)

May 2009 – March 2010

- Large banquet capable restaurant with wait staff of 74 people.
- Employee of the month.

Institute of Nuclear Power Operations (INPO)

Atlanta, GA

Technical Support Analyst (Co-op)

August 2006 – May 2009

- Five semesters at positions including Team Lead, Help Desk Coordinator, Lab Coordinator, Peer Coordinator.
- Present metrics and trends to IT manager and department.
- Three team excellence awards.

Web Requests Administrator (Part-time)

January 2008 – December 2008

- Manage member permissions to Nuclear Network.
- Design Sharepoint pages for departments.
- Manage company TV communication system.
- Research and present new software solutions to department.

MR PC Solutions

Atlanta, GA

Self-employed (Part-time)

August 2007 – May 2008

- Residential technology consulting.
- Custom PC configuration and construction.
- Technology installation and troubleshooting.

MNR Construction, Inc.

Locust Grove, GA

Sub-contractor

Summers 2002 – 2005

- Install and repair doors and base molding.