
Education

Stevens Institute of Technology

Class of 2006

Bachelor of Engineering, Concentration in Computer and Electrical Engineering

Subjects of Note: Wireless Security Systems, Circuits and Systems, Microprocessor Systems, Image Processing, Information Security

Experience

The Systems Group, Hoboken, NJ

6/06—Present

Project Engineer

6/07—Present

- Design and integrate audio, video, and control systems for radio broadcast facilities.
- Designed audio control room and performance space for WNYC Radio in NYC.
- Integrate control interfaces between equipment necessary for equipment communication
- Design radio automation systems necessary for radio operators.
- Calculate heat and electrical loads of equipment.
- Designed mobile production suite for Washington State University.

Associate Systems Engineer

6/06—07

- Programmed 8 conference rooms with Crestron automation systems for WGBH in Boston.
- Developed Database & Barcode System to track assets, inventory and equipment using Microsoft Access
- Manage, Update, and Redesign system drawings using Autocad2005
- Developed a system to manage the progress of documentation and work orders
- Worked closely with Integration Supervisors and Project Managers to solve problems related to equipment tracking, installation, and shipping. (Software and Procedural Solutions)

PCR Designs, Self Employment

6/00—Present

- Developing a new Smart Home Automation System based on sensor input
- Build, upgrade and repair personal computers
- Design websites for small businesses using Dreamweaver MX
- Consulted and installed Network (Wired/Wireless) using encryption and filters
- Provide audio and video production

Automatic Data Processing, Parsippany, NJ

5/04—8/04

Sales Force Automation

- Provided Technical Support to over 2500 Sales Associates Nationwide
- Completed hands on and remote software and hardware resolution using TightVNC
- Developed software alert methods for client notification with JavaScript, HTML, and Batch Files

Pearl River School District, Pearl River, NY

6/00—9/02

Computer Technician

- Provided workstation and laptop support for over 700 Windows Systems
- Maintained Pearl River School District LANs (fiber, Cat5, and Gigabit)
- Diagnosed and solved problems with LAN
- Trained, supervised, and assigned tasks to a staff of new students

Languages

HTML, CSS, PHP, SQL, JavaScript

Hardware

PC Based Systems, MAC Based Systems, Mobile Computing Systems, Fiber and Copper Systems, Routers, Hubs, Switches, CCNA trained, Wired/Wireless Hardware, Network Topology, Broadcast Switching/Distribution/IO Hardware

Software

AutoCAD, MS Office, MS Project, MS Access, Norton Ghost, Windows 9x/2000/NT, Windows Mobile, Visio, Macromedia Dreamweaver, Photoshop, Solid Works, Norton Antivirus, MacAfee Antivirus, TightVNC

Personal

- Designing and Modifying PC Cases (Contest Winner 2001)
- Home Automation and Electronic Designs
- Guitar, Recording, Mixing, and Producing Music and Short Films.