

John Marshall
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Experience

2006

Spring: Developed **De-Ops**, and wrote the accompanying the business plan

2005

Fall: **Northeastern University**, most notable class Engineering Psychology

Summer: Developed full TCP implementation over UDP for use in firewall to firewall transfers
Sole developer/designer of next-gen version of **i2hub**, the largest inter-college file sharing network.

Spring: **Northeastern University**

Developed KIM which laid technological foundations for **De-Ops**, small scale beta release demonstrated the concept's feasibility

All: Continued contract work for **StreamCast**, ended in Summer

2004

Fall: **Northeastern University**, most notable class Human Machine Systems

Developed P2P system for delivering content for **NASA's WorldWind**, an application most similar to Google Earth

Summer: Developed version three of **GnucDNA**, significantly updated Gnutella protocol
Designed distributed hash table system for **De-Ops**

Spring: **Northeastern University**, most notable class Quality Assurance

Developed **Abilux** a secure P2P network for adult content

All: Continued contract work for **StreamCast**

2003

Fall: **Northeastern University**, studying Industrial Engineering

Started **John Marshall Group Inc.** for licensing developed apps and tech

Summer: Developed version two of **GnucDNA**, including support for Gnutella 2 protocol

Spring: Directed development of version 4 of StreamCast's **Morpheus** product

2002

- Fall:* Developed a P2P network for **FatEarth**, an environmental company
Designed prototype tests, and specs for WGTP (Workgroup Transfer Protocol) which would eventually become **De-Ops**
- Summer:* Developed **GnucDNA**, giving many products the ability to connect to Gnutella, and a variety of contracting opportunities for myself in the years to come
- Spring:* **Worcester Polytechnic Institute**, studying Manufacturing Engineering
- All:* Developed version three of **Gnucleus**

2001

- Fall:* **Worcester Polytechnic Institute**
Participated in **ROTC** program
- Summer:* **Teletrol**, built web based customer service and support system
- Spring:* **Northwoods Software**, working with graphical programming software
- All:* Developed version two of **Gnucleus**

2000

- Fall:* **Northwoods Software**
Drilled with the 325th Military Intelligence battalion
- Summer:* **Army** Basic Training
- Spring:* Developed first version of **Gnucleus**, client for the Gnutella P2P network

Prior - Worked for various NH based software companies

- White Pine:** Video Conferencing software, CU-SeeMe
- LCD Multimedia:** Multi-platform presentation software
- Teletrol:** Intelligent building control systems, a subsidiary of DEKA (the Segway company)
- Transparent Language:** Language learning software, Spanish Now!, Russian Now!, etc..

Other

- Eagle Scout
- Top Secret clearance from the Department of Defense