

MATTHEW RYAN

42 Westmoreland St. • Boston, MA 02124 • Phone (617) 750-1473

E-mail mryan@ccs.neu.edu

EDUCATION

Northeastern University

College of Computer and Information Science

Candidate for a Bachelor of Science in Computer Science, 2007

Boston, MA

September 2002 - Present

Boston Latin School

High School Diploma

Boston, MA

September 1998 – June 2002

COMPUTER KNOWLEDGE

Languages: C, C++, Java, PHP, Perl, SQL

Systems: Unix, Linux, Windows

EXPERIENCE

TeleType GPS

Programmer

Boston, MA

Summer '01 - Fall '04

- Assisted in porting existing C++ GPS mapping application to Java.
- Built Java software and a web interface to track the location of GPS enabled cell phones anywhere in the United States.
- Created and administered MySQL database for all company records, and oversaw migration of database from Microsoft Access to MySQL.
- Integrated the company website and database, granting users the ability to login and download program updates.

Utopus.net, Inc

Vice President / Co-founder

Boston, MA

Spring '03 - Present

- Setup, configure, and maintain the company's Redhat Linux servers.
- Provide hosting and technical support for clients
- Design, create, and implement web solutions for wide ranging customer base .

Intersignal, LLC

Programmer

New Hope, PA

October '04 – Present

- Design and implement J2ME application for GPS enabled Nextel cellular phones. The application allows for remote tracking of the device's GPS coordinates and speed via a web application. The application can also reconfigure itself remotely based upon settings in the web application. (www.signalscout.com)

AES Corporation

Firmware/Server Programmer

Peabody, MA

January '05 – Present

- Update and troubleshoot firmware for automated meter reading (AMR) devices utilizing the PIC microprocessor.
- Redesign the radio mesh networking algorithm to allow for improved performance and greater reliability.
- Complete redesign and implementation of existing server infrastructure to achieve maximum scalability, versatility, and more efficient processing of incoming data packets.
- Perform field installations and trouble shooting of AMR units at electrical cooperatives in both South Dakota and Colorado.

References furnished upon request.