

Nathan Balon

Ann Arbor, MI 48103
nbalon@gmail.com

Objective

To obtain a software developer position and apply my theoretical knowledge of computer science to improve the overall value of an organization.

Education

University of Michigan – Dearborn

Master of Science

Major: *Computer & Information Science*

Dearborn, MI

April 2007

GPA: 8.10/9.00

Eastern Michigan University

Bachelor of Business Administration

Major: *Computer Information Systems*

Ypsilanti, MI

December 2002

GPA 3.88/4.00

Selected Achievements

- Publications:**
- Researched *Increasing Broadcast Reliability in Vehicular Ad Hoc Networks*, which resulted in a paper being published and presented at the VANET 2006 conference.
 - Coauthored the chapter *Vehicular Ad Hoc Networks and Dedicated Short-Range Communication* for the *Handbook on Mobile Ad Hoc and Pervasive Communications* published by American Scientific Publishers.
- Projects:**
- Reviewed journal and conference papers for publication on wireless networks.
 - Designed and programmed a middleware solution, similar to Java RMI, resulting in the ability to call methods on objects remotely.
 - Programmed a multi-threaded client/server chat program in Java.
 - Coordinated a team to transform TRA Electronics' legacy information system into a modern integrated system, consequently it was used as an example for future classes.

Technical Skills

Languages: *Proficient in:* Java, C, C++, SQL

Intermediate knowledge of: Perl, TCL, Shell Scripting, XML, HTML, CSS, 68x Assembly

Software: *Platforms:* Linux, UNIX, Windows

Databases: Oracle, Access

General Software: Microsoft Office, Open Office, Visio, Latex

Programming Environments: NetBeans, Eclipse, GCC, Visual Studio

Software Modeling: UML, Entity-Relationship Model

Network Protocols: TCP/IP, IEEE 802.11, Ethernet

Network Simulators: NS-2, OPNET

Work Experience

Thomson Reuters

Software Developer

Dexter, MI

02/08 - present

- Programmed UltraTax, tax software, to meet design specifications given by tax analysts.
- Utilized numeric and problem solving skills to preform bug verification and release testing.
- Assisted tax analysts in researching problems discovered by product support.

Electrocom

Senior System Installer

Pontiac, MI

01/07 - 01/08

- Implemented a quarter-million dollar project installing DVRs at Warren Consolidated Schools.

Professional Organizations

- Upsilon Pi Epsilon (CS Honor Society)
- Beta Gamma Sigma (Business Honor Society)
- ACM Member