**Christian Everett**

Address: Hampton, NH

Phone: 603-770-6823

Email: Ceverett@cs.uml.edu

# Education

## University of Massachusetts Lowell Lowell, MA Expected May 2016

**Candidate for Bachelor of Science in Computer Science**

GPA 3.3/4.0

* Dean’s List: Fall 2013, Spring 2014

**Course Work:** Data Structures (Comp II), Design Patterns (Comp IV), Calculus I and II, Discrete Structures I and II, Computer Architecture, Operating Systems, Android Application Development, Data Communications I, Database I

## New Hampshire Tech Institute Concord, NH 2012-2013

**Candidate for Associates in Computer Engineering**

GPA 3.41/4.0

* Dean’s List : Fall 2012, Spring 2013
* Outstanding Computer Engineering Freshman award (2012-2013)

**Course Work:** Algorithms with Object Oriented Programming, Embedded Microsystems

# Software Engineering Experience

## Software Engineer May 2014 - Present Kronos, Chelmsford, MA

* Created/debugged new and existing Java APIs for the back end of a business enterprise Application Server
* Developed production quality code using Test Driven Development and agile methodologies
* Used SoapUI for Web Service Testing
* Worked with Oracle and Microsoft SQL Server Database, used SQL Server Management Studio for database management

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# Technical Skills

* Programming languages: Java, C++/C, C#
* Web Development: HTML, CSS, PHP, JavaScript/Ajax , JQuery
* Familiar with: XML, SQL, Assembly, Oracle database, Microsoft SQL Server
* Operating systems: Windows, Linux/Unix, Android
* Networking: TCP/UDP/IP, Internet Protocol Stack, HTTP, SMTP, FTP, P2P
* Software: Visual Studio, Eclipse, Android Studio, Git, SoapUI, JCreator, Komodo IDE

# Projects

**Remote text to speech android application:** Java GUI windows client application was used to establish a TCP socket connection with a remote android application. This client transferred text over the socket to a server on the android app; the text was received by the application and buffered in a queue. The text was then sent to the android text-to-speech engine.

**HTTP Server/Client:** Implemented a concurrent java HTTP Server with TCP sockets and an HTTP client. The Server supported GET and PUT requests and returned corresponding HTTP responses. HTTP client supported sending GET and PUT requests to any Web Server and printed the response to the screen with any data returned.

**SMS Reader android application:** An android application that read incoming SMS message and spoke them out loud using text-to-speech. This application used a background service that dynamically registered a broadcast receiver to notify the service of incoming SMS messages. The messages were parsed by the service and delegated to the androids text to speech engine.

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# Honors / Awards

* Programming skills championship award for an autonomous Vex robot, NH Vex State Championship 2012
* Award for team placing third out of fifty high school teams in the Vex NH State Championship 2012
* Outstanding Computer Engineering Freshman award, New Hampshire Technical Institute
* Awarded AP Computer Science credits in high School for successful completion of AP Computer Science Examination