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# Chris Hare

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## Technical Skills

**Languages:** *Java, Android App Development, C/C++, C#, Visual Basic .NET, Perl, BASH, ASP, HTML, CSS, TCL, JavaScript, PHP, SQL, Python, Groovy*

**Frameworks:** *.NET, JQuery, JSON, RxJava*

**IDEs:** *Android Studio, Eclipse, Visual Studio*

**Protocols:** *TCP/IP (ipv4 & ipv6), SOAP, XML, HTTP, DHCP, SNMP, NCS, SIP*

**Other:** *Git/Github, Gitlab, Gerrit, Jenkins, Jira, Gradle, IntelliJ, ClearCase, REST/Webservices*

## Project Experience

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### Volume Manager Android App

April 2016

<https://play.google.com/store/apps/details?id=com.fourthwardcoder.android.volumemanager>

- App allows users to set up automatic volume controls based on time intervals and locations
- Utilizes Geofencing to detect user's location and sets volume accordingly
- Optimized for Tablets of all sizes.

## Work Experience

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**ARRIS Group INC. – Staff Firmware Engineer**

*Suwanee, GA | May 2000 – March 2016*

### **Embedded Firmware Developer on the ARRIS Telephony Touchstone Modem and Residential Gateway. 2000 – Present**

- Firmware development using C on VxWorks and Linux Operating systems. Specialized in areas such as eRouter, Telephony, Provisioning and the routers HTML Web GUI.
- Created a Firmware upgrade feature that would map data written on an older version of the ARRIS router to a completely different schema for a newer model router. This feature safely upgraded hundreds of thousands of customer's router setting without loss of data or interruption in service.
- Built a Router Web GUI using HTML, Javascript and JQuery used to run on the Virgin Media's cable modem/wireless router. Created several features and fixed bugs for other cable companies' router Web GUI's.
- Headed our effort to move our Firmware source control and build environment from Clearcase to Git and Yocto build systems. Wrote all BASH and Python scripts for the new environment.

### **Lead .NET Developer. 2003 - 2010**

- Architect and developer of a Multi-Document Visual Basic .NET GUI Application used to create configuration files for provisioning Cable Modem, MTAs, and Wireless routers. Such providers as

Time Warner, Comcast, and COX use this application to provision the Cable Modems for their customers.

- Created multiple Visual Basic and C# .NET application used by developers and QA for testing purposes.

## Education

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**Udacity** – *Android Developer Nanodegree*

*March 2016*

**Big Nerd Ranch** – *Advanced Android Bootcamp*

*October 2015*

**Georgia State University** – *Computer Science, B.S*

*December 2004*