

# Matthew Garnes

*Address available upon request*  
[www.github.com/mattgmg1990](http://www.github.com/mattgmg1990)

[matt@mattgarnes.com](mailto:matt@mattgarnes.com)  
[www.mattgarnes.com](http://www.mattgarnes.com)

## EDUCATION

**Northeastern University**, *Boston, MA*

May 2013

Bachelor of Science in Computer Science

Minors in Mathematics, History

Honors/Awards: GPA: 3.75/4.0, *Magna Cum Laude*

## COMPUTER KNOWLEDGE AND PROJECTS

Languages/Libraries: Java, Android, Python, Django, HTML, CSS, C#, ASP.NET, JavaScript, jQuery, Go, SQL, Scheme

Applications: Vim, Eclipse, Git, Perforce, SVN, Visual Studio, IntelliJ, Jira

Personal Projects: Android Development (six apps on the market), [www.hearthealthapp.com](http://www.hearthealthapp.com)

## WORK EXPERIENCE

Software Engineer

June 2014 – Present

**Cyanogen, Inc.**, *Seattle, WA*

- Implement Android OS and application features.
- Create new APIs for third party developers to integrate with CyanogenMod features.
- Collaborate with the open source community to contribute to the CyanogenMod open source project.
- Work closely with designers and developers to create Android applications from the ground up.

Mobile Software Engineer

Sept. 2013 – May 2014

**(Under contract to) Samsung Telecommunications America**, *Bellevue, WA*

- Work with carriers and Samsung HQ R&D to commercialize required software features.
- Design, implement, test, and maintain Android application and Android system/framework features.
- Perform root cause analysis of issues in carrier applications and services.
- Identify and prototype advanced software features and innovations on next generation mobile devices.

Software Engineer

July 2011 – June 2012

**Novartis Pharmaceuticals**, *Cambridge, MA*

Jan. 2013 – Sept. 2013

- Designed and developed web and desktop applications to assist researchers in the drug discovery process.
- Implement both front end and back end features as part of a team, using a variety of tools and languages.
- Interact directly with researchers to collect requirements and diagnose software issues.

Android Software Development Co-op

July 2012 – Jan. 2012

**TapWalk, Inc.**, *Boston, MA*

- Developed, tested, and released the TapWalk platform for Android as the primary Android Developer.
- Implemented crucial Android features, while maintaining consistency with the mobile web and iOS apps.
- Utilized the TapWalk iOS source code to recreate iOS features on Android.

Course Assistant/Tutor for Mobile Application Development

Sept. 2012 – Dec. 2012

**Northeastern University**, *Boston, MA*

- Tutored students in Android development practices and strategies during weekly help sessions.
- Answered technical student questions about Android development on the shared course Q&A web page.
- Assisted Dr. Stephen Intille with preparing course materials and grading assignments.

Android Software Research Assistant

Oct. 2011 – Dec. 2011

**Mobile Health Research Group - Northeastern University**, *Boston, MA*

- Assisted Dr. Stephen Intille in building a library for intelligent logging, storage, and backup of user activity for the CITY Android application used in the CITY weight loss research study at Duke University.

Quality Development Co-op

May 2010 – June 2011

**InterSystems Corporation**, *Cambridge, MA*

- Performed testing on InterSystems' Caché database, reporting and diagnosing problems.
- Wrote unit testing software to automatically test new versions of the software on a variety of platforms.

*References will be furnished upon request*