

# ROBERT FERRIS

## OBJECTIVE

I enjoy spending my time working with excellent developers, working on software that matters. Continued education and exposure to new technologies is a must!

## EDUCATION

Rensselaer Polytechnic Institute, Troy, NY — Computer Science BS, 2011  
Dean's List

SUNY Adirondack, Queensbury, NY — Computer Science AS, 2008  
Computer Science Academic Excellence Award, Spring 2008; Dean's List

## SKILLS AND QUALIFICATIONS

Proficient in C#/.NET. Experience with Windows, Linux, Mac OS X, Windows Mobile, and Android. Decent working knowledge of HTML, CSS, JavaScript, SQL/database systems, Java, Scala, C/C++, and MongoDB. Familiar with Visual Studio, Team Foundation Server, Subversion, Git, and Mercurial. 10+ years of programming experience, 3+ years in a professional setting. Able to learn new languages and techniques with ease. Works well individually or within a team. Holds an active security clearance.

## ACTIVITIES AND PROJECTS

Various personal projects involving software development across multiple platforms, including small games, Windows Mobile utilities, Android apps. Several entries into short game programming competitions. Contributed code to the open source Allegro game development library, as well as participation on GitHub. Always looking for new things to learn and try, beginning with programming at the age of 12!

## WOOTERS.US 2007-PRESENT <<http://www.wooters.us/>>

Partner in developing a "Woot.com tracker" suite, utilizing push updates, used by several thousand users regularly. Primary developer of the supporting back-end software, Android app, and a bot module to announce updates on Internet Relay Chat. Also assisted with the website portion of the project.

## EXPERIENCE

### SOFTWARE ENGINEER, APPLIED VISIONS 2009-PRESENT <<http://www.avi.com/>>

Responsible for planning and developing new features, fixing bugs, speaking with customers, and performing testing. Worked with C#/.NET, Direct2D, Java, Scala, Android SDK, HTML5, JavaScript, and CSS.

### WEB DEVELOPER, ADIRONDACK HEALTH AND SAFETY TRAINING 2003-2008

Developed basic website using PHP and MySQL. Also involved in various other development projects, including an auto-run menu system written in C# to be used on CDs containing material distributed at conferences and trade shows, and various other maintenance tasks.

### RENTACODER 2007-2009

Freelance development on various projects. Designed, implemented, and tested solutions as well as maintaining clear communication with client regarding project status and requirements.

### BAFSERV WEB HOSTING 2004-2009

Created hobby business selling web hosting. Responsible for keeping the hosting services running, working with clients to resolve problems, and developing packages to suit customer needs. Handled configuration and updates of Fedora Core (Linux) operating system, Plesk management system, Apache, PHP, and MySQL.

## PUBLICATIONS

### A VISUAL QUERY BUILDER: SIMPLIFYING DATA SELECTION VIZSEC 2010

"A Visual Query Builder: Simplifying Data Selection." VIZSEC 2010: Proceedings of the Seventh International Symposium on Visualization for Cyber Security, September 14, 2010, Ottawa, Ontario, Canada. New York, NY: ACM, 2010. Print.