



Andrew Beck

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EDUCATION

Georgia Institute of Technology: Masters of Science in Music Technology (MSMT), (GPA: 3.87)
(Expected Graduation May 2009)
Berklee College of Music: Music Synthesis (Concentrate GPA: 3.96) and Film Scoring (CGPA: 3.74)
(Graduated May 2007)

SKILLS

Programming Languages / SDKs :: C/C++, Lua, Cocoa/Cocoa Touch, Java, Symbian
Audio Software :: Pro Tools, DP, Logic, Garage Band
DSP and Music Analysis
Systems and Game Programming

VIDEO GAME/AUDIO PROGRAMMING EXPERIENCE

ZooZMobile, Inc., *Lead Programmer* (May-August 2008, May 2009-current)

Project: Designing and deploying ZOOZBeat, a cross platform (iPhone and Symbian) musical instrument app for non-musicians. Startup company was created to license technology developed as a GRA at GA Tech.

Duties: Managing a small team of developers, coding the cross-platform shared code base and programming the underlying system so that it can be extended.

Georgia Institute of Technology, *Graduate Research Assistant (GRA)* (May 2007-May 2009)

Project: Developing consumer technologies that explore the use of sound, musical analysis and mobile technologies to control sound.

Duties: Aiding in research and developing patentable technologies.

The Audio Programming Book, *Contributor* (est. publication date Fall 2009, MIT Press)

Project: Reference book edited by Dr. Richard Boulanger for developing audio applications in Cocoa

Duties: Writing code and chapter on HID devices for CD-ROM Tutorial Chapter.

"Freeciv," *Contributing Composer* (2005)

Project: Open Source Civilization clone distributed with several Linux distributions.

Duties: Writing and producing music for score

RELATED EXPERIENCE

Georgia Tech Research Institute (GTRI), *Student Employee* (Summers 2003-2006)

Duties included research into noise reduction, writing programs to automate frequency response analysis of engine liners, analysis of speech patterns, construction of a vent noise reduction box.

"Untitled" (2006) Directed by Alex Smith

Wrote, produced and performed score for film

"Weekend Rental" (2006) Directed by David Solomon

Co-wrote, co-produced and performed score for film

"The Devil's Work" (2005) Directed by David Germano

Wrote and produced score for film

"Wall Street Bonding" (2005) Directed by David Solomon

Wrote, produced and performed score for film

SPECIAL RECOGNITION

Outstanding Graduate Student Award
GTRI Spot Award