

Vincent Gable

Austin, TX (open to relocation)

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512-879-7540

<http://hirevincent.com>

Languages and Frameworks: C/C++, Objective-C, Cocoa, Assembler (PPC/AltiVec/SSE)

Tools: GCC, GDB, CVS, SVN, Xcode, Interface Builder, Unix, 80 WPM typist.

December 2008 - Present: Independent & Contract Development Austin, TX

- **Prometheus:** iPhone editor for the Simple English Wikipedia
- Available today [in the App Store](#)
- Written in native Objective-C 2.0, JavaScript, CSS.
- **IMLocation:** a context sensitive automation tool for Mac OS X; mute speakers in libraries, automatically detect and close “NSFW” webpages when leaving home, etc.
- Written in Objective-C 1.0 and 2.0, AppleScript
- Reverse engineered iChat for tight integration
- twitterglyphs.com: hieroglyphic text-shortening for twitter; *pirate* becomes ☠, *cut* becomes ∞, etc.
- Written in JavaScript, HTML, CSS
- **Contract iPhone development** with [Mutual Mobile](#).
- Shipped four apps currently in the App Store; clients confidential.

TechSmith (Mac Developer) Okemos, MI

- **February 2008 - November 2008:**
- Primary Mac developer for the launch of AV-recording solution [Camtasia Relay](#) 1.0
- Wrote native code for the Mac recorder, upload daemon, and self-installer; in Objective-C/C++/bash
- Worked with PC-client team to ensure interoperability, consistent experience.
- Experience with Agile development (Scrum), and Test-Driven Development

Apple (Numerics and Vector Computing) Cupertino, CA

- **Summer 2006:** Figured out novel SIMD parallelization of high dynamic range (HDR) color correction using split polynomials to realize a ~7x speedup over scalar code
- Improved analytical skills, learned to apply a rigorous scientific approach to performance evaluation

Microsoft (Windows CE group) Redmond, WA

- **Summer 2005:** Helped write a tool to log diagnostic information for a VoIP/wifi mobile handset

Motorola Austin, TX

- **Summer 2003:** Helped write an IEEE-754 double-precision floating-point library for embedded CPUs, realizing a roughly 6x speed improvement over GCC’s floating-point emulation
- **Summer 2002:** Helped optimize the Networking and Telecom suites of the EEMBC benchmark, using AltiVec, for a combined speedup of more than 3.5x, winning an internal Motorola award

Metrowerks Austin, TX

- **Summer 2001:** Fixed memory leaks in the CodeWarrior optimizing compiler
- **Summer 2000:** Quality assurance; youngest intern ever

Education: Bachelor of Science in Computer Science, University of Texas at Austin, graduated May 2007 Overall GPA, 3.57.