

JEFF KATZ

930 WAYNE AVE. #1107 SILVER SPRING, MD 20910
240.423.0144
JEFF@KATZONLINE.NET

SKILLS/ABILITIES

- C, C++, Java, Objective C, AS3, PHP, Ruby, Python, Perl, Bash, Erlang/OTP
- Source Control: Git, Subversion/CVS, Mercurial, PVCS and VSS
- Database Integration: MySQL (C, Java, PHP), PostgreSQL (C) and SQLite (C)
- Intuitive Interface Design: Cocoa, OpenGL, AJAX/HTML/CSS, AWT/Swing
- Optimizations for Embedded Systems such as Cell Phones, PDAs, MIDs
- Networking: Client/Server and Peer/Peer Systems over TCP/IP, UDP

EXPERIENCE

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|---|---------------|
| FIRMWARE DEVELOPER | 2009-PRESENT |
| BRIVO SYSTEMS, LLC | BETHESDA, MD |
| <ul style="list-style-type: none">- Using C, Flex/AS3 and HTML/CSS to design and implement new functionality in flagship access-control product- Integrated quickly into small, tight knit group of developers. | |
| MOBILE SOFTWARE ENGINEER | 2008-2009 |
| gWHIZ LLC | ANNAPOLIS, MD |
| <ul style="list-style-type: none">- Used Objective C/Cocoa Touch, Google Web API, and SQLite to successfully execute whitebox re-write of Blackberry software to iPhone Platform. Project completed on time and within budget constraints.- Application developed was ranked #1 in Education category in iTunes store. Has formed basis of continuing operations for gWhiz, constituting most of their business and with well over 500,000 downloads- Encouraged use of bug tracking, version control, and other project management tools | |
| SOFTWARE ENGINEER | 2006-2007 |
| ADVANCED ACOUSTIC CONCEPTS | COLUMBIA, MD |
| <ul style="list-style-type: none">- Used Java, J2EE and C++ to upgrade and enhance mission-critical Navy computer system.- Wrote documentation and test cases. Addressed customer support tickets.- Ensured conformity to US Government and Navy Standards. Evaluated favorably for Secret Clearance. | |

ACTIVITIES/HONORS

OPEN SOURCE

- Google Summer of Code 2008: Project dsyslog, programmed systems level software in C/glib
- Contributor to: devkitPro, Atheme, AndroidChat, Ecks, and more
- Worked with very large and diverse codebases, submitting patches to peers to address various shortcomings.

EMBEDDED SOFTWARE

- Several Android and iPhone applications (highlights: AndroidChat, gFlash+, Triphids, and iTakeCredit)
- Wrote software to drive LCD display from gumstix embedded linux device
- Designed, fabricated, and sold hardware to enable development on closed Nintendo handheld platform

ASSOCIATION FOR COMPUTING MACHINERY (ACM)

- President of Frostburg Chapter 2007-2009.
- Ran meetings, organized events. Orchestrated lectures and ran tutoring sessions.
- Annual participant in the ACM ICPC (Inter-Collegiate Programming Competition) 2005-2009.

GAMES

- Project Manager/Designer of successful Half-life/Source game modification (2001-2007).
- Multiple LudumDare Winner. LudumDare is a 48-hour game development competition.

EDUCATION

BS. COMPUTER SCIENCE; BUSINESS MINOR
FROSTBURG STATE UNIVERSITY, MAY 2009