Brandon Holland
Software Developer
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I'm a software developer/hacker (I prefer code ninja) living in British Columbia, Canada. I get my kicks from building software, reverse-engineering, fast cars, and snowboarding. I get my chill from playing guitar, travelling, and climbing mountains. I get my peace from the one and only **God**, to whom I owe everything.

Education and Awards

2005, 2007 - Okanagan College
- Studied Computer Science

2004, 2005 - McBride Secondary School - Grades 11, 12:
- Passport to Education Grades 9, 11, and 12
- Special Recognition Award for Computer Work
- Computers and Technology Scholarship from ScotiaBank

Employment History

Present - Arumi Software Inc - Co-founder and CTO
- Wrote code for iOS application Orchrd
- Worked on designing UI and workflows for iOS application Orchrd
- Helped design graphics and layouts for UI in iOS application Orchrd
- Wrote code for backend API server used by iOS application Orchrd
- Wrote code for frontend admin server used by iOS application Orchrd
- Designed mySQL database structure for servers used by iOS application Orchrd

Present - Robson Valley Junior Academy - Student Supervisor
- Supervised students during school and recess
- Taught and helped students learn concepts
- Marked student's completed work and scanned in to send to teachers
- Technical support

Summer of 2011 - 2014 - Mountainview Summer Camp - Camp Counsellor and Instructor
- Supervised campers throughout the week of camp
- Drove school bus full of campers to the lake for wake-boarding and water-skiing
- Drove boats with wake-boarders, water-skiers, and tubers in tow
- Taught campers how to wakeboard and water-ski
- Belayed campers on climbing wall and high ropes course
- Supervised and setup campers on zip-line

2009, 2010 - VeriCorder Technology Inc - Software Developer:
- Wrote code with development team for iOS audio/video editing suite: 1st Video, Showcase, VC Audio Pro (Poddio)
- Worked on designing UI and workflows with development team for iOS audio/video editing suite: 1st Video, Showcase, VC Audio Pro (Poddio)
- Designed graphics and layouts for UI in iOS audio/video editing suite: 1st Video, Showcase, VC Audio Pro (Poddio)

2009 - 2012 - Situware Interactive Inc - Co-Founder & Software Developer:
- Co-founded Situware Interactive Inc. and was a member on the Board of Directors
- Wrote code for iPhone augmented reality game: Capture the Flag
- Worked on designing UI and workflows for Capture the Flag
- Designed graphics for Capture the Flag
- Field testing and debugging for Capture the Flag
- Wrote code for Capture the Flag server backend (Java)
- Wrote code for iPhone medical media transport app via QHR Technologies
- Worked on designing UI and workflows for iPhone medical media transport app via QHR Technologies

Summer of 2006 - 2010 - Mountainview Summer Camp - Media Specialist
- Operated still and video cameras
- Captured and edited digital video footage into final DVD
- Designed graphics and titles for final DVD
- Duplicated and labeled discs
- Developed camp management software
- Performed miscellaneous jobs around the camp

2006 - 2009 - Tasty Apps - Partner & Software Developer:
- Wrote code for iPhone virtual pet: Flappie
- Wrote code for Mac Mail tagging plugin: FlagIt
- Wrote code for Mac web screenshot taker: Web Snapper
- Wrote code for Mac zip management plugin: Tasty Unzip
- Wrote code for Mac iChat monitoring plugin: ChatCop

2004 - Present - Freelance Consultant - Software Developer:
- Reviewer for PacktPublishing on iOS + OS X Network Programming Cookbook
- Technical support for Brookfield Renewable Energy Partners
- Wrote code for WCAS implementing iOS School application
- Wrote code for WCAS implementing backend API server used by iOS School application
- Wrote code for WCAS implementing automated scanned assignment uploader
- Wrote code for SDA Church in Canada implementing and designing adventistyouth.ca
- Wrote code for StockSpy Inc. implementing and designing StockSpy Windows 8 Port
- Wrote code for C-PRO SRL. implementing AirPlayer plugin for Frontrow/Apple TV
- Wrote code for Jailbreak AppleTV implementing Windows port of nitoInstaller
- Wrote code for Jailbreak AppleTV implementing Windows port of XMBCInstaller
- Wrote code for C-PRO SRL. implementing CCTV security plugin for Frontrow/Apple TV

- Wrote code for C-PRO SRL. implementing VNC viewer plugin for Frontrow/Apple TV
- Wrote code for Victor D Inc. implementing highway line detector: Yellow Brick Road
- Wrote code for FireCore LLC. maintaining Apple TV web browser: Couch Surfer
- Wrote code for FireCore LLC. maintaining Apple TV keyboard driver: KeyboardMagic
- Wrote code for FireCore LLC. implementing driver for the Freespace Loop Air Mouse
- Wrote code for AppleTV&More LLC. implementing Apple TV Slideshow: ATVDigiFrame
- Wrote code for AppleTV&More LLC. maintaining ATVDigiFrame
- Wrote code for AppleTV&More LLC. implementing Apple TV Launcher: LaunchMore
- Wrote code for AppleTV&More LLC. maintaining LaunchMore
- Wrote code for Mountainview Summer Camp management software: Camp Assistant

2004 - Present - Hobby Projects - Software Developer:
- Developed evoscan_logworks_conv: Converts logs created with Evoscan to Logworks
- Developed Bridget: Kernel extension that allows bridging of ethernet interfaces on Mac. Also implemented as a patch to the darwin kernel.
- Developed Couch Surfer: Apple TV web browser obtained by FireCore LLC
- Developed KeyboardMagic: Apple TV keyboard driver obtained by FireCore LLC
- Developed Exposed: VNC server for Apple TV (Open Sourced on github)
- Developed SkypePlugin: Skype frontend plugin for the Apple TV
- Developed RoadTrip: Vehicle GPS navigation system for the Apple TV
- Developed IRKeyboardEmu: Kernel extension that emulates Apple's IR controller
- Wrote code for iBoy: Gameboy emulator for iPod Linux (iPod Mini, Nano support)
- Developed Dynomite: Virtual Dyno for measuring vehicle horsepower
- Developed MacAnic: Vehicle onboard diagnostic sensor reader
- Developed PhotoSlueth: Internet image search engine (Google, Flickr, PhotoBucket)
- Developed Espresso: Apple TV 5.0+ custom plugin loader
- Developed DashDroid: Android vehicle diagnostic datalogger / code reader
- Developed Friendly Desk Lamp: Online desk lamp controllable via website

Technical Expertise

Programming Languages:
- C / C++, Objective C, Java,
- Objective-J, Cappuccino,
- HTML, CSS, Javascript, PHP,
- Nodejs, Python, mySQL

Development Tools:
- Apple Xcode IDE, iPhone SDK, Mac SDK,
- Eclipse IDE, Android SDK,
- GDB, SVN, GIT,
- Adobe Photoshop

References

Ali Momen, Co-Founder & CEO at Arumi Software Inc, ali@arumisoft.com:
- Business Partner at Arumi Software Inc

Paul Toupin, Co-Founder & CTO at Situware Interactive Inc, 250.575.2394:
- Manager + Business Partner at Situware Interactive Inc
- Manager at VeriCorder Technology Inc

Ron Jost, CTO at QHR Technologies Inc, 250.864.0030:
- Business Partner at Situware Interactive Inc
- Manager at VeriCorder Technology Inc

Bryce Cutt, Co-Founder & CTO at Media Cooler Innovations Inc, 250.307.5781:
- Supervisor at VeriCorder Technology Inc

Brian Wahl, Camp Director at Mountainview Summer Camp, 604.853.5451:
- Supervisor at Mountainview Summer Camp