

DUNCAN WALLACE

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## PROFILE

iPhone Developer with 3 years of OOP experience and 5 years of procedural programming expertise. Currently have three applications (Picture Board is health related) deployed to the Apple app store. Intermediate level iOS developer and entry level Android Developer.

Dev Ops and continuous integration with expert Jenkins, AirWatch EMM, Symantec EMM, git and subversion configuration and maintenance. Expert liaison activities with SaaS infrastructure and vendor engineering and support staff.

Senior Business Analyst/Functional Analyst with 7 years of requirements gathering and project management combined. Systems Development Life Cycle for waterfall and Agile. Successfully deployed new web application at Boeing prior to departure. Experience communicating with software, mechanical, aerospace and civil engineers.

<https://www.linkedin.com/in/duncan-wallace-05597580>. LinkedIn profile.

<https://github.com/duncwa>. Coding samples.

## EXPERIENCE

INTERMEDIATE IOS DEVELOPER 75% AND DEVOPS 25%, BECHTEL CORPORATION; SAN FRANCISCO, CALIFORNIA  
— 11/2011 - 01/04/2016

Application Development - (Environment: Agile, XCODE, Instruments, Simulator, Enterprise Applications in Symantec and AirWatch enterprise app stores)

Develop applications for the iPhone, iPod Touch and iPad using XCODE SDK, Simulator, Instruments. Deploy applications to the enterprise app store using custom built CI solution. Create graphical images using GIMP on OSX. Utilized, maintained and upgraded both git and Subversion VCS. Utilized Apple frameworks: Cocoa, CoreGraphics, Foundation, AudioToolbox, Watchkit. Perform QA and continuous integration using Jenkins, git, subversion and bash scripting. Developed internal capability using EMM solution API's to automatically build and submit applications to the enterprise app store via Jenkins jobs and git repository integration. Developed processes and notification procedures to scan IPA uploads for potential sensitive information using bulk extractor forensics tools.

Enterprise app experience: (modified existing iPad applications, REST, blocks, API, EMM)

INTERMEDIATE PHONE/IPAD DEVELOPER AND CRYPTOCURRENCY DEVOPS, DUNCWA LLC; SEATTLE, WASHINGTON — 3/2008 - 11/2011

Application Development - (Environment: UML, Agile, XCODE, Instruments, Simulator, Published Applications: Fashion PoPo, Parentalisms)

DevOps - (Deployed multiple Ubuntu/ASIC cryptocurrency miners (Bitcoin, Dogecoin, Litecoin, Peercoin). Expertly configured and maintained 10 node ASIC farm. Expertly designed and built Jenkins CI system with email and dashboard monitor alerts. Expertly setup both cryptocurrency clients. Developed blockchain scanning using Jenkins jobs. Develop applications for the iPhone, iPod Touch and iPad using XCODE SDK, Simulator, Instruments. Deploy applications to the Apple app store using the Apple proprietary processes related to signing code, obtaining certificates, itunesconnect.apple.com expertise.

Two published apps: (designed, developed, provisioned and deployed)

Picture Board <https://itunes.apple.com/us/app/picture-board/id453369022?mt=8>

Picture Board Plus <https://itunes.apple.com/us/app/picture-board-plus/id730224516?mt=8>

JUNIOR IOS DEVELOPER, U.S. ARMY/CIVILIAN; TACOMA, WASHINGTON (JBLM) — 1/2010 - 10/2011

Application Development - (Environment: Xcode, Instruments, Simulator, Revel Point of Sales system for iPhone). Assisted lead developers with multiple iOS applications. Created graphical routines to depict inhaling and exhaling using Core Graphics framework. Using block based animation for graphics. App store deployment and support.

<https://itunes.apple.com/us/app/breathe2relax/id425720246?mt=8>

<https://itunes.apple.com/app/tactical-breather/id445893881?amp%3Bmt=8&mt=8>

**JUNIOR IOS DEVELOPER, REVEL SYSTEMS, SAN FRANCISCO, CALIFORNIA — 3/2010 - 7/2010**

Application Development - (Environment: Xcode, Instruments, Simulator, Revel Point of Sales system for iPhone). Performed code maintenance for iPad/iPhone based POS application. Interface with remote development staff.

**SENIOR ENTERPRISE ARCHITECT, CHASE/WASHINGTON MUTUAL BANK; SEATTLE, WASHINGTON — 10/2001 - 3/2007**

Finance Business Solutions Division (Environment: IPX/SPX, TCP/IP, SNA, FTP, Telnet, 3270, MS SQL 2000, MS Windows, MS Active Directory, DNS/DHCP, Test Lab, Messaging, Cisco 6500 Switches, PIX Firewall, DMZ, Security, SOX, MS Sharepoint, MS Project, MS Exchange, Applications: IVR, Readerboard, Funds Transfer, GEAC, Frontier, Hyperion, Finance, Concur). Designed and implemented a service level management process that established key service level agreement metrics that resulted in reduced system unplanned outages by 100%. Created documentation templates that allowed remote engineers to write procedures and submit for group review and adoption. This resulted in decreased downtime. Achieved an alignment of senior engineer efforts with business customer expectations by developing a resource utilization model using LAWSON resource manager. This facilitated effective alignment of the engineers' efforts with the business' expectations. The result was reduced missed project timelines and superior service levels. Accomplished via use of Service Level Management models. Supported multiple SQL 2000 server databases at the operational level. Developed maintenance plans and backup jobs using Veritas backup agents. Developed an HR approved engineer staff remote management model to facilitate knowledge share and peer trust. Facilitate business managers, engineers and vendors in multiple functional analysis meetings with respect to applications and their subsequent strategic and tactical fit within Washington Mutual. Performed SDLC preliminary and secondary steps to verify functional validity of vendor claims and business needs verification using enterprise lab testing processes. Positions held: Senior Engineer, Enterprise Architect and Program Manager.

**EDUCATION**

University of Washington, Seattle — Finance, 2007

Sacramento City College - Computer Science, 1985

**SKILLS**

Computer Programming, Business Analysis, Cryptocurrency Server and Client, Operational Analysis

Objective-C, SWIFT, iOS, Cocoa Frameworks, UIKit Frameworks, XCODE SDK,

Java, Android, Eclipse SDK

**REFERRALS**

Provided upon request