

Mike Cohen

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SUMMARY:

Experienced Mac & iOS developer with over 20 years of experience, including Objective C, C++, Swift, Cocoa, and Cocoa Touch. Web development experience includes Apache, PHP, and MySQL. Developed and shipped several Mac & iOS applications. My passions are photography and local history.

EXPERIENCE

Line2 – Lead iOS Engineer – Dec. 2014-Apr. 2017

Responsible for the majority of the development work on the Line2 iOS VOIP client, including implementing new features and enhancements, fixing bugs, and submitting to the app store. The app was developed in Objective C & C++.

- Implemented a modern iPad user interface that supports multitasking
- Added support for CallKit in iOS 10 for a native calling experience.

MyLikes – Senior Software Engineer – July 2014-Dec. 2014

Developed new features in the Likes iOS app, including the friend screen, where you are presented with suggested friends that you can skip or like by swiping to the left or right. Implemented iPhone 6 support and updated the code for full iOS 8 compatibility. The app was developed in Objective C.

Klip – Senior Software Engineer – June 2013-June 2014

Primary developer for the Klip iOS app (later known as Dare). Implemented new features & UI changes; worked with the server team on new APIs. The app was developed in Objective C.

Fuzebox – Senior Software Engineer – Nov. 2012-May 2013

Contributed to the Mac, iPhone, and iPad video conferencing clients. Ported the Mac video conference scene manager to the iPad and implemented browser screen sharing on the iPad. The app was developed in Objective C and C++.

Bionic Panda Games – Mobile Game Developer – Feb. 2012-Nov. 2012

Developed a cross-platform game engine in C++ & Lua using Cocos2d-x & Marmalade as well as portions of several mobile games. Assisted with iOS app store preparation & submission.

Freelance Mac & iOS Developer – 2000-2012

Developed iPhone apps including Sugar Rush, Removr, PicSlide, iDjembe, and the official I Can Has Cheezburger app. Contract developer for Zipongo, an iPhone app to encourage healthy habits. Developed a system power management utility for the Macintosh and a fashion industry catalog & sales tool for the iPad as a contractor for Art & Logic. Developed a mobile catalog app for a fireworks company. Developed the Twitter utility Detective for Macintosh, which notifies users of new followers and unfollows.

Absolute Software – Macintosh Developer (remote) – 2001-2010

Developed a security product for the Macintosh that will track a stolen computer.. Developed theft recovery tools including geolocation & webcam snapshot capture. Worked in Open Firmware to install an extension that will survive reformatting the hard drive. Developed a Cocoa-based front-end to administer Computrace. Developed the Lojack For Laptops consumer product. Ported all code to Intel-based Macs as a universal binary.

Teaching Network – Programmer – 2001

Developed ActiveX controls for online tutoring systems using Visual C++, Visual Basic, MFC, and ATL

SIRS Mandarin – Macintosh Programmer – 1997-2001

Developed educational CD ROM software for the Macintosh in C++ with PowerPlant and CodeBase. Provided Macintosh support as the resident Macintosh expert. Developed library automation software for Macintosh and Windows in C++ with PowerPlant and MFC. The software used TCP/IP and Z39.50 protocols and MARC data structures.

Co-founder, ISIS International (ACI 4D Certified Developers) – 1987-1997

Developed custom Newton, Macintosh, and Windows applications with 4th Dimension, Oracle, C, C++, Visual Basic, and Hypercard for hospital administration and general business management. Provided Macintosh training & consulting services. Developed a Macintosh-based telemarketing system which interfaces with a HP 3000 minicomputer. Wrote System 7 Pack, a set of 4th Dimension externals which provide AppleEvent support; ISIS Notes, an application written in C++ which allows files and messages to be sent across a network without a dedicated server; and Flash-Data, a data entry & file transfer application for the Newton. Developed a CGI interface between 4th Dimension and WebStar.

Screenplay Systems – Programmer – 1986-1991

Developed movie budgeting, scheduling breakdown, and script formatting software for DOS, Macintosh, and Windows using C & C++. Developed a generic application shell, spreadsheet-like user interface tools and an extended dialog manager.

The Small Computer Company – Programmer – 1983-1985

Developed database software for TRS-80, IBM, Epson, Apple, NCR, DEC, AT&T, and other microcomputers using MSDOS, CP/M, Trsdos, Xenix, and Unix operating systems. Programming languages included C, Z80, 8086 & 68000 assembler. Developed CP/M FilePro, Profile 4+, parts of the Unix and MSDOS versions of FilePro and conversion utilities to read DBASE 2 and PFS files. Ported the entire database system to the AT&T 3B2, AT&T 7300 Unix PC, Xenix on an IBM AT, and DEC MicroVAX.

City University Computer Center – VM Systems Programmer – 1981-1983

Installed Reslim and Smart performance monitors on VM/SP2. Maintained and installed new releases of PASSTHRU and SIM3278. Installed VM/SP2 CMS and did several CP & CMS sysgens. Developed XEDIT and EXEC2 macros for internal use. Did 3705 sysgens, modifications to EP, and DCA X.25 network configuration, Assisted students, faculty, and outside organizations using the computer center. Answered computer-related questions and helped users make efficient use of the computer. Debugged programs, provided JCL, and diagnosed abends. Performed a wide variety of services for users including file restoration and program installation.

EDUCATION

New York University, New York City, NY - courses in MVS system programming & advanced 370 assembly language - 1982

Borough of Manhattan Community College, New York City, NY - AAS, Data Processing 1981

SKILLS

Programming experience in a wide variety of languages including C, C++, Objective C, and several assembly languages. Macintosh development including Cocoa, Carbon, Classic, and low-level BSD coding. Web development including PHP & MySQL. Linux system administration. Installing, configuring, and writing extensions for WordPress & Drupal content management systems.

LINKS

Github - <https://github.com/mike3k>

APPS

Line2 - <http://line2.com/>

MyLikes - <http://mylikes.com> & <http://friendlife.com/>

Dare - <http://dare.fm/> (no longer available)

Fuze Meeting - <http://fuzebox.com/>

Aqua Pets (no longer available) <http://www.bionicpandagames.com>

Sugar Rush - <https://itunes.apple.com/us/app/sugar-rush-lite/id439773622?mt=8> or <http://sugarrush-app.com/> - Action jumping game.

Removr - <https://github.com/mike3k/Removr> or <https://itunes.apple.com/us/app/removr-free/id419981346?mt=8> - Puzzle game

Detective - <http://mcdevzone.com/> - Macintosh utility to track Twitter followers & unfollows.

I Can Has Cheezburger (removed from sale) Official app - <http://icanhascheezburger.com/>