

Christopher S. Patterson

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@chrispatterson

Languages: Swift, Objective C, C, JavaScript, HTML5, Java, C++, SQL, XML, XSL
OSs: iOS, macOS, Unix/Linux, Windows

Experience:

11/15-Now Eli Lilly and Company – Indianapolis, IN – <http://www.elililly.com/>

Digital Devices Mobile Architect

- Participated in creation of processes for delivery of FDA-regulated mobile medical applications for iOS and Android.
- Provided technical guidance and mentoring for teams of onshore and offshore developers across multiple app and framework projects
- Built a collection of Swift frameworks for mobile medical apps with >90% unit test coverage and >90% Jazzy doc coverage, providing:
 - BLE communications with medical devices,
 - HTTPS communications with cloud services,
 - charts and graphs of medical data,
 - common analytics API around third-party analytics
- Built inhouse iOS-based test tools for BLE communications testing

1/15-11/15, E-gineering, LLC – Indianapolis, IN – <http://www.e-gineering.com/>

3/10-3/14 *Lead iOS Developer*

- Contract development of iOS apps: Cook Medical, Inc. enterprise apps; POLARIS Laboratories *Horizon Mobile* app (a 2016 Mira Award Nominee); Indianapolis Museum of Art and more.
- Development of sales engineering estimates for iOS projects for prospective clients.

3/14-1/15 Gusto, LLC – Indianapolis, IN – <http://www.gustoemail.com/>

Sr. Mobile Architect

- Development of *Gusto* iOS client app.

6/08-3/10 LaViaz, LLC – Indianapolis, IN – <http://www.laviaz.com/>

Director of App Development

- Contract development of iOS apps: *Gen Con Mobile* for Gen Con, LLC; the *Fishers* government info app for Fishers, IN; *StarSeeker*, a map to stars' homes; *JokeyPhone*, a joke video player; a multimedia sales briefcase iPad enterprise app for REGO-FIX.

6/07-3/10 McGraw-Hill Higher Education – Indianapolis, IN -- <http://mcgraw-hill.com/>

Sr. Software Engineer

- Development of *EZTest Online* audio recording capability in DHTML/JavaScript, integrating two separate Flash audio recording/playback components.

- Development of new web administration interface for *EZTest Online* (Java, JDBC, MySQL, DHTML, JavaScript, XML, and Adobe Flash/Flex)
- Development of *MH Catalog* prototype iOS app used by sales reps.

6/00-6/07 **Finite Wisdom, LLC -- Indianapolis, IN** -- <http://www.finitewisdom.com/>

Contract Programmer

- Design and development of browser-based radiology workstation software for [Fuji Medical Systems](#). (Internet Explorer, ActiveX, COM, DHTML, XML, XSLT, JavaScript)

5/99-6/00 **Ameritech, Inc. – Indianapolis, IN** – <http://www.ameritech.com/>

Analyst

- Designed, implemented, & supported Java applets providing web access to legacy inventory systems. Improved reliability, responsiveness & compatibility while adding new features.

8/97-5/99 **Maxum Development Corp. -- Streamwood, IL** – <http://www.maxum.com/>

Product Manager & Software Engineer

- Continued development & support of award-winning Mac OS web server products, NetCloak & NetForms. Combined 2 products into one for v3.0 upgrade.
- Designed & implemented content-filtering and web admin modules for WebDoubler, a Mac OS caching proxy server.

5/96-8/97 **Digital Prairie, Inc. -- Naperville, IL** – <http://www.digitalprairie.com/>

Senior Software Engineer

- Implemented CD-ROM game engine ported from Win32 to classic Mac OS.
- Implemented database-driven dynamic web site for web hosting clients.
- Designed & implemented a Mac OS web server plug-in performing spreadsheet-like calculations within dynamic web pages.

3/96-5/96 **Graphical Business Interfaces, Inc. -- Indianapolis, IN**

Senior Software Engineer

- Implemented client-server data exchange between FileMaker Pro & Informix databases.

7/91-3/96 **Loral Medical Imaging Systems, Inc. -- Hoffman Estates, IL**

Senior Software Engineer

- Designed & implemented a radiology information system client managing demographic information associated with patient images.
- Investigated & fixed defects in software in medical imaging devices. Worked on process improvement teams to achieve SEI level 2.

8/87-6/91 **SCS, Inc. (now Logikos, Inc.) -- Fort Wayne, IN** -- <http://www.logikos.com/>

Software Engineer/Analyst

- Designed & implemented embedded software for fuel pump card reader.
- Designed & implemented prototype automobile registration system for VA DMV.
- System administration for in-house AppleTalk network.

Education:

- 1995 J. L. Kellogg Graduate School of Management, Northwestern University, Chicago, IL
Masters of Management (Majors: Marketing; Entrepreneurship & Innovation)
- 1987 Rose-Hulman Institute of Technology, Terre Haute, IN
Bachelor of Science, Electrical Engineering