Joe Edelman
Software Project Architect & Scalability Consultant

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http://nxhx.org

EDUCATION
Dartmouth College	(B.A.)
MIT	(H.S.S.P.)

PLATFORMS
	YEARS
Ruby/Rails	4
Unix / C	15
PHP/Apache	8
Java (J2SE, J2EE)	5

LANGUAGES
HARDCORE: Ruby, C, PHP, Java, Unix Shell, Objective-C, Erlang, SQL, Perl, Scheme. RUSTY: Tcl/Tk, C++, Python, BASIC, Smalltalk, Self, LabView, RPL, SuperCollider, MAX/MSP, FORTH, etc.

RESEARCH INTERESTS
transaction-cost economics
real-time geolocation
large-scale databases
human-computer interaction
protein interactions
neuroimaging & databasing
choreography & performance
kinesthesiology
music cognition

OTHER INTERESTS
modern dance, cooking, voluntary simplicity, alternative education, social entrepreneurship

EXPERIENCE
	YEARS
Open Source Programming	16
Database-backed Websites	13
Scientific Research	11
Management	6

REFERENCES
see http://couchsurfing.com/joe_edelman
http://profiles.friendster.com/383792
http://www.linkedin.com/in/joeedelman

CONSULTING
I work as a consultant on particularly difficult software projects: often websites with unusual requirements re: amount of data, amount of traffic, usability, or software design. I am also available to help people estimate the requirements of a project they are worried will be large or unwieldy. I help programmers and managers reason about overall architecture, object and database design, speed and scalability, frameworks, number of servers, programmers needed, styles of development, etc. I also have experience with very large databases, scientific data, and low-level IO.

COACHING
- Ruby on Rails
- Software team practices / Code clarity / Object-oriented design
- Website Scalability in general
- Location-based services / GPS / TXT / Mobile IM
- AJAX

OTHER SKILLS
- KICKASS technical presentations
- ROBUST, DISTRIBUTED systems
- TERABYTES of data or traffic, in REAL TIME, and GLOBALLY

TECH/SCI EMPLOYERS
TECH/SCI EMPLOYERS	ROLE	FIELD	START	MONTHS
Citizen Logistics, LLC	CEO	Mobile ad-hoc sharing	4/07	8
CouchSurfing.com	PM, SE	Location-based Svcs	11/06	7
Renesys Corporation	SE	Real-time Routing Data	1/04	20
fMRI Data Center	PM, SE	Scientific Data Mgmt	5/02	14
Earthdance Creative, Inc	PM, SE	Online Community	10/01	5
Skyfish.com	PM	Aircraft Auctions	4/00	11
Independent Consulting		Web Programming	5/99	19
ODC	Database Architect	Decision Support	1/99	5
Dartmouth College	Researcher	Bioinformatics	10/95	36
WGBH Television	Web Architect	Online Community	9/97	4
Interval Research Corporation	Researcher	Consumer Products	5/96	5
Charles River Analytics	Programmer	3D User Interface	5/95	4
Harvard Medical	Programmer	Data Acquisition	5/95	4
MIT Artificial Intelligence Lab	System Administrator	IT	3/93	28

TEACHING/NONPROFIT EMPLOYERS
TEACHING/NONPROFIT EMPLOYERS	ROLE	FIELD	START	MONTHS
Emergency Communities	Organizer	Disaster Relief	5/06	6
Northstar Unschool	Teacher	Ninja Science	9/05	6
Government of Tibet in Exile	Teacher	Web Programming	6/01	4