

Steve Webber

Software Developer



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SKILLS

Object Oriented Programming
Functional Programming
Discrete Math
Vendor Relations and Interfacing

TECHNOLOGIES

Java, Delphi, Scheme, Haskell
Eclipse, Emacs, Embarcadero
SQL, Hibernate
Maven, Gradle
SSL, Protocol Buffers
SOAP, REST
HL7, SCRIPT

HIGHLIGHTS

Consistently **estimated and met goals** for major projects

Presented new techniques and technologies to team

Anticipated needs and **averted crises**

Successfully **pushed technical projects** with large dividends

Architected and implemented a previously failing **2 year project in 4 months**

EDUCATION

Bachelor of Science
Computer Science
University of Wisconsin -
Madison, December 2013

Project planning, architecture, and code review

experience, with the ability to anticipate technical problems and come prepared to meetings with solutions.

History of **integrating engineering concepts and discrete math** to elegantly solve problems.

Strong background in computer science.

Refined communication skills amenable to collaboration, and history of working with teammates and customers with disparate temperaments and concerns.

PROFESSIONAL EXPERIENCE

Assistant General Manager

American Data, Sauk City, WI 2013 - Present

Senior developer and architect of major projects. Joined as a Delphi programmer for a monolith application. Assumed increased responsibility after departure of several key employees and ensured consistent service throughout transition. Moved to predominantly Java based roles, working on client-server equivalents of existing functionality.

- Collaborated with external vendors to interface medical data
- Introduced a build tool to manage dependencies, which doubled team productivity
- Retrofitted ORM to fit a legacy database, maintained legacy behavior, and addressed SQL injection vulnerabilities
- Introduced protocol buffers to optimize data transfer, and credited by company owner with saving the rewrite of a monolith application
- Commonly sought for advice by programmers and management

PERSONAL EXPERIENCE

Lambda Calculus Interpreter

Interpreter of minimalistic Turing complete language

Memoization Utilities

Scala and Java abstraction for EhCache, Redis, and native data structures

Hacker Rank

Completed all badges for functional programming, code visible online