

Gary Doney

Software Engineer Seeking New Position

Sunnyvale, CA - Email me on Indeed: [indeed.com/r/Gary-Doney/7854c152bfb35e6](https://www.indeed.com/r/Gary-Doney/7854c152bfb35e6)

SUMMARY:

- Experienced Software Engineer.
- Enjoy collaborative work in a team environment.
- Co-author: Mastering XMI: Java Programming with XMI, XML, and UML.
- Development experience across a range of platforms and application areas.
- Experience in application and systems level development.
- Have worked as a UI Designer and UX Architect,
- Patent holder in a range of technical areas.
- Excellent interpersonal, written, and verbal communication skills.
- Undergraduate (OSU) and graduate degrees (USC) in Computer Science.
- General MBA with Finance Concentration (Santa Clara University).
- Able to frame engineering issues within a business context.
- Knowledgeable in business strategy for high technology products.

GaryCDoney@gmail.com

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer

IBM Corporation, Silicon Valley Laboratory - San Jose, CA - January 1991 to May 2016

Experience:

Software developer on Bluemix, IBM's cloud-based product offering and Software as a Service (SaaS) marketplace.

Previously served as a UX Architect / Frontend Designer for Web-based and rich client interface products in the IBM Optim database services portfolio. Tasks included designing and reviewing frontend (UI) components for the Web and desktop applications, assessing ease-of-use of existing product interfaces, developing and applying user interface design patterns, and running usability tests on new features in development. I also led weekly design sessions with software architects, development managers, developers, QA, and product line management on new features or updates to existing product features. Also worked as an Adobe Flex (MXML, ActionScript) developer on Optim's Management Console web-based product.

Previously worked as a Java software developer in relational database products, and served as technical team leader for the XMI Toolkit for VisualAge for Java, a Rational Rose (UML) to Java language mapping tool utilizing XMI (XML for Metadata Interchange). Formerly team lead for an object-oriented backend engine component for an OOAD development tool.

Experience in Java, C++, and Web-based programming using object-oriented design. Product development experience in an Agile team environment, including software design and specification writing, component sizing and scheduling, coding, unit testing, and technical editing of product publications. Experience with full software product development/delivery/service life cycle.

EDUCATION

MBA in Finance (GPA: 3.95)

Leavey School of Business, Santa Clara University - Santa Clara, CA
1998 to 2003

Master of Science, GPA 4.0 in Computer Science

The University of Southern California (USC) - Los Angeles, CA

Bachelor of Science, Summa Cum Laude, GPA: 3.92 in Computer/Information Science

College of Engineering, The Ohio State University - Columbus, OH

Completed professional certificate program with Honors (GPA: 4.0) in Unix Programming

UCSC Silicon Valley Extension - Santa Clara, CA

SKILLS

Java (10+ years), Unix (10+ years), User Interface Design (5 years), User Experience Design (3 years), Javascript (1 year), JQuery (Less than 1 year), SQL (3 years), Adobe Flash (MXML, ActionScript) (3 years), Android SDK (Less than 1 year)

AWARDS

List:

First Patent Application Invention Achievement Award (IBM)
First Plateau Invention Achievement Award (IBM)
Second Plateau Invention Achievement Award (IBM)
Third Plateau Invention Achievement Award (IBM)
Ohio Academic Scholar
Eastman Kodak Scholarship
Gould Foundation Scholarship
OSU Sophomore Honors Award
Tau Beta Pi National Engineering Honorary
Beta Gamma Sigma National Business and Management Honorary

CERTIFICATIONS/LICENSES

IBM Certified Application Developer Cloud Platform V1 (2016)

PATENTS

Execution engine in an object modeling tool (#5,983,016)

Handling column renaming as part of schema evolution in a data archiving tool (#7,725,439)

Reference attributes within an object-oriented system (#6,418,482)

Model trace view for object-oriented systems (#5,960,199)

Reference-based associations using reference attributes in an object modeling system (#6,898,782)

Method, system, and program for transforming files from a source file format to a destination file format (#6,862,601)

Alignment Technology (#8,612,887)

Method for sending a message to a group and the group broadcasts the message to its members or references within an object-oriented system (#6,243,763)

PUBLICATIONS

Mastering XMI: Java Programming with XMI, XML, and UML (John Wiley & Sons, 2002), book coauthor.

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471384291.html>

Data Adaptive Display Grid with Cloud-Based User Preferences (2015)

<https://priorart.ip.com/IPCOM/000241861>

A Visual Tool to Facilitate Planning and Collaboration Scheduling for Multiple Teams (2014)

<https://priorart.ip.com/IPCOM/000239990>

A Visual Tool to Facilitate Planning and Collaboration Scheduling for Multiple Teams (2014)

<https://priorart.ip.com/IPCOM/000203884>

Hierarchical Display Of Group Discovery Relationships In A Relational Database System (2009)

<https://priorart.ip.com/IPCOM/000203884>

Adding Constraints To A Business Object To Create A Constraint-Augmented Business Object (CABO) (2007)

<https://priorart.ip.com/IPCOM/000191136>

ADDITIONAL INFORMATION

Languages:

Java, Android SDK, C++, JQuery, JavaScript, Adobe Flex (MXML, ActionScript), C, SQL

Operating Systems:

Mac OS, Linux, Ubuntu, AIX, Windows.

Technologies:

Cloud Computing, Cloud Foundry, Relational Database Systems (RDBMS), Object-Oriented Analysis and Design (OOAD), UML (Unified Modeling Language), JDBC, HTML, XML, Eclipse, Rational Rose (class/object modeling), Client/Server Architectures, User-Centered Design (UCD), Software Internationalization, Balsamiq, Fluid UI, and Rational Team Connection (project source code control).