

# Tom Beale

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## Objective:

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Experienced web-based user interface developer with strong graphics background seeks a developer/designer position within a company that will benefit from a well-rounded technical and artistic skill set.

## Availability:

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Immediate

## Skill Set:

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- Proficient in a wide range of web-related languages and disciplines, including JavaScript, ASP, SQL, JScript, VBScript, C#, Visual Basic, and PHP. Highly proficient in HTML and using JavaScript and other languages to generate it.
- Routinely use AJAX to produce solid, responsive web-based user interfaces that have an application-like feel. Also proficient with Dynamic HTML and working with the DOM to provide the user with an intuitive, interactive experience.
- Experienced at creating server-side pages that communicate with databases through a variety of connections (Restful, ADO, ODBC, etc.). I understand scale and large-data issues when returning query results to the end user.
- Self-motivated, able to work alone or in a team, able to organize projects into manageable tasks, and work well with team members, clients and third-party vendors
- Skilled designer and illustrator. Familiar with most professional graphics/design software.

## Professional Experience:

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Innovation Asset Group

West Linn, Oregon

Senior User Interface Engineer

March 2004-August 2014

- Principal focus was ongoing development of the core product, a web-based application for Intellectual Property management. This included JavaScript, AJAX, ASP, ASPX, VB.Net, C#, SQL (SQL Server and MySQL) and VB6
- **Accomplishments:**
  - Developed several interfaces for managing complex data sets, both customer-facing and administrator-facing pages.
  - Created multiple UIs around a Java-based reporting engine. These included Faceted Search and a more advanced interface for designing complex queries. Communication to the back end was accomplished by sending and receiving JSON packages through AJAX calls to a RESTful service.
  - Dealt with session management, user authentication and permission-based data retrieval.
  - Building custom controls, grids, trees and other structures to display data and allow the user to make and save changes.
  - Created a user interface that allows Professional Services to create custom forms (wizards) .
  - Dealt with large data structures utilizing many tables and link (relationship) tables.
  - Optimized web pages to manage large data sets.
  - Created several debugging utilities to speed development and debugging the application.
  - Created an installer/updater utility that saved hours on installing and updating the product.

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Corillian Corporation (now Fiserv)

Hillsboro, Oregon

**User Interface Engineer II — SE Projects**

**June 2000-Feb 2004**

- Responsibilities included complete implementations of online banking sites for small banks and credit unions, using combinations of ASP, JavaScript, XML/XSLT, CSS, ODBC, SQL, Visual Basic and HTML.
- Worked closely with host interface engineers to ensure transactions were handled efficiently and securely.
- Developed custom enhancements for existing sites. Supported, reverse-engineered, and documented existing custom enhancements.
- Integrated 3<sup>rd</sup>-party products (check imaging, eStatements, WebPay, etc).
- Took on several projects that were in trouble and worked with clients to get them back on track.
- Developed custom solutions to enhance Corillian products to meet customer needs. Duties included ASP development, database integration and interfacing with custom COM objects.
- **Accomplishments:**
  - Improved code base to reduce implementation time and eliminate recurring defects. Ventura Credit Union came in significantly under budget and exited QA with approximately 25% fewer defects than any other project in its class.
  - Took over User Interface development of Campaign Manager (tool to present marketing images and track user clicks), a product which had never been successfully deployed. Produced reusable code base that was successfully rolled out to five sites on time and under budget.

McDonnell Douglas/Boeing

Long Beach, California

**Senior Graphic Designer — Presentations**

**Sept 1984-June 2000**

- Produced wide range of presentation materials including marketing presentations (Adobe Illustrator, QuarkXPress, PowerPoint, CorelDraw), web/multimedia projects (Macromedia Director, PowerPoint, Flash, DreamWeaver, DHTML), Proposals (QuarkXPress, PageMaker, Interleaf), Publications (Illustrator, PhotoShop, CorelXara) and posters for trade shows (CorelDraw, Gerber). Experienced in prepress and producing film from digital files.
- Developed web pages for the department's intranet site. Also worked on the intranet site for the Reprographics department. Developed several web-based utilities (time and resource/equipment tracking)
- Acted as system administrator for Interleaf publishing system including three Sun file servers, ten Sun workstations, several scanners, printers and a Linotronic image setter.

## Education:

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**California State University — Fullerton, California**  
**1982 – 1984**

**BS Program Graphic Design\***

\*Approximately 20 units short of earning the degree — I started work at McDonnell Douglas before my final semester.

**Mt. San Antonio Junior College — Walnut, California**  
**1980 - 1982**

**AS in Advertising Design**

## Military:

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**United States Army**

**6 Years**

- **Type of discharge:** Honorable
- **Rank at discharge:** Sergeant (E-5)

Portfolio, digital copy of this resume, and additional information available at <http://www.tombeale.com>  
References available upon request.