

Jean Bauer

Profile

I build and reveal interesting data structures, pulling from my background in database architecture, photography, and early American history. I am an experienced manager looking to work in a curious and creative team on high impact projects.

Experience

Independent Consultant, 2019 -

Work with companies, universities, teams, and individuals to design robust, extensible software solutions to clean, structure, analyze, and reveal data for meaningful results. Consult on strategic planning, non-profit management, and establishing new research centers.

Research Director, Center for Digital Humanities at Princeton; Princeton, NJ – 2018-2019
Set research direction for the center. Developed new projects, diffuse digital humanities methods through the Princeton curriculum, and promoted the work of the CDH to national and international partners in the academy and open source industry.

Associate Director, Center for Digital Humanities at Princeton; Princeton, NJ – 2014-2018
Founding staff director. Established center culture and research direction. Built the center from an initial staff of 2.5 FTE to 7 FTE (8 staff) and 2 postdoctoral fellows. Created the Development and Design Team to build inviting, intuitive, and intellectually challenging data portals. Worked or consulted on all projects, serving as technical lead, database designer, or visualization consultant as appropriate. Re-implemented the center's structure and activities in SQL for the custom database that powers <https://cdh.princeton.edu>

Digital Humanities Librarian, Brown University; Providence, RI – 2011-2014

Developed and managed digital humanities projects in collaboration with the Brown humanities faculty. Taught workshops on methods and tools to the Brown community. Consulted on projects for faculty, staff, and students. Created new website and brand for the Center for Digital Scholarship. Point person for creating Data Curation resources for the Brown University Library. Streamlined dev-ops environment for student and library programmers.

Lead Developer, DAVILA – 2010-Present

Open source relational database schema visualization and annotation tool to meet the specific needs of humanities researchers. Built in Processing.

<http://www.jeanbauer.com/davila.html>

Graphic Designer, Albert H. Small Declaration of Independence Collection, University of Virginia; Charlottesville, VA – 2009

Designed a digital exhibit of the Albert H. Small Declaration of Independence Collection at the University of Virginia using a first generation Microsoft Surface installation, a table-shaped

touch screen capable of having 4 simultaneous users. Design elements included unique, platform-specific elements including 360° metadata buttons and sidebars for describing content of digital surrogates.

Lead Developer, Project Quincy – 2008-Present

Open source software package designed to trace historical networks through time and space.

Built in Django, MySQL, and uses the d3.js javascript library for visualizations.

<http://projectquincy.org>

Education

University of Virginia; Charlottesville, Virginia — PhD, 2015

University of Virginia; Charlottesville, Virginia — MA, 2005

University of Chicago; Chicago, Illinois — AB, 2004

Languages

Fluent in Spanish, Proficient in French

Software

SQL, MySQL/MariaDB, Python, Django, Flask, HTML5, CSS3, Git, VirtualBox, OpenRefine, Gephi, Cytoscape, Lightroom, InDesign, Processing

Skills

Database Design, Web Design, Software Design and Development, Computational Information Design, Social Network Analysis, Photography, Graphic Design, DevOps, Web Master, Support-level knowledge of a wide range of off-the-shelf data cleaning and visualization tools as well as office suites and publishing tools on Macintosh, Windows, and Linux/Unix

Interests

Published photographer with solo shows in gallery and library spaces.

I run *The Early American Foreign Service Database*, an open access repository and analysis platform for the study of American diplomats, consuls, and special agents from 1775-1825. <http://www.eafsd.org>. The EAFSD runs on ProjectQuincy and was the software complement to my dissertation “Republicans of Letters: The Early American Foreign Service as Information Network, 1775-1825” <https://doi.org/10.18130/V3DZ8Q>.

References

Jay Dominick, Vice-President and CIO of Princeton University

Elli Mylonas, Director, Center for Digital Scholarship, Brown University

Bethany Nowvieskie, Director, Digital Library Federation, Council on Library and Information Research