James Hare

Technology Consultant • Your Data is Your Product

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Applications

Adobe Illustrator

Apache Django

Docker MySQL

Redis

Online Software Tools

Asana Airtable

Notion Miro

MediaWiki

Wikibase

Programming Languages

CSS HTML

JavaScript PHP

Python SQL

SPARQL

Experience

Software Consultant
02/2020 – Present

Internet Archive

Providing critical operational support to the Internet Archive's Turn All References Blue project to protect the integrity of references on Wikipedia

- Developed automation scripts and standardized processes to deploy the Internet Archive's dead link-fixing bot to over 100 language editions of Wikipedia
- Migrated the World News Dataset, including over 100,000 entities, to Wikibase, and developing queries to aid the Internet Archive in identifying news resources to preserve

Associate Product Manager
06/2017 – 08/2019

Wikimedia Foundation

Developing products and partnerships to support the third-party developers and volunteers that make the world's largest encyclopedia possible

- Researched and wrote a detailed specification for Toolhub, Wikipedia's app store of third-party editing tools, with over fifty identified data points to emphasize relevance, quality, and community adoption
- Collaborated with a principal research scientist to develop the user experience for Jade, a proposed critique and annotation layer on top of Wikipedia content

Wikipedian in Residence
08/2015 – 11/2017

U.S. Centers for Disease Control and Prevention

Sharing the peer-reviewed research and best practices of CDC's National Institute for Occupational Safety and Health (NIOSH) through a collaborative partnership with volunteers and government employees as part of a broader social media strategy

- Wrote Python tools to model datasets and migrate them to Wikidata, including over 600 chemical hazards and over 55,000 entries in the NIOSHTIC-2 bibliographic database, resulting in greater awareness of Institute datasets in the research community
- Developed a curriculum and held trainings in Wikipedia best practices throughout the United States and internationally

Projects

Librarybase

Developed software to gather structured metadata from several sources for import into Wikidata, including quality control and preservation of provenance data; this was a precursor to the Internet Archive's current efforts with Wikibase

WikiProject X

Carried out research on the workflows of Wikipedia contributors in individual and online-group settings and developed new user interfaces and workflows to facilitate online group collaboration

Wikimedia DC

Founded a charity in the Washington, DC, area that currently has one full-time employee and has secured partnerships with dozens of prestigious organizations, including the U.S. Department of State, American Chemical Society, and Howard University

Wikipedia Bots

Operated several Wikipedia bots from 2007 to 2011, including RFC bot and GA bot, to facilitate editorial and consensus-gathering workflows, many of which are still in use to this day

Education

American University
2010 – 2013

Bachelor of Arts Political Science