Brendan Ryan

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RELEVANT EXPERIENCE

General Assembly, Remote
Software Engineering Immersive Flex Student, 9/2019-2/2020
Immersive student in the Software Engineering Immersive program that included over 400 hours of professional training over six months. Utilized a hands-on approach to learn software development skills such as Javascript, Rails, Ruby, Node, Git, and Ruby through projects. Developed a portfolio of individually and collaboratively focused projects, including:

- ReactJS application to create, save, and share recipes.
- React on Rails app for curators to create digital collections based on library cataloging standards.

WORK EXPERIENCE

Technical Services Librarian
Providence Athenæum
August 2015 to September 2021

Head of Periodicals & Digital Services
Worcester Public Library
January 2014 to August 2015

Digital Initiatives Librarian
Rhode Island College
September 2011 to December 2013

EDUCATION

University of Rhode Island
Masters, Library & Information Sciences
2008 - 2009
Providence College / B.A. Sociology
1997 - 2001

Software engineer and professional librarian with the ability to address issues and solve problems creatively. My work is inspired by a background in research, education, and public service to develop tools that deal with problems of knowledge organization. Exceptional skills in grasping and relating complex information to diverse populations effectively.

TECHNICAL COMPETENCIES

Front-end: Javascript, ES6, ReactJS, HTML, CSS, Bootstrap, Babel, Electron, Gatsby, Material-UI

Back-end: Express, Rails, Ruby on Rails, Node, APIs, Mongoose, MongoDB, SQL, PHP, Git, APIs, JSON, JSON Web Token, NPM , GraphQL

SOFTWARE PROJECTS

Skeuomorph
Electron desktop app made with React on Rails to catalog digital archives.
GraphAth
A GraphQL Server parsing data from an Omeka REST API to increase functionality. Adaptable for all Omeka APIs, when pointed to the proper endpoint.

PUBLICATIONS

Ryan, B. (2013). *Optimizing Academic Library Services in the Digital Milieu Digital Devices and Their Emerging Trends*. Oxford, England: Chandos Pub.