

Brenna McGahan

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Software Engineer in St. Louis, MO

My specialties include problem solving and quickly learning new skills and programming languages. I thrive in a group setting and value collaboration. I am interested in using software development and technology as a tool to improve access to information and management of resources.

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WORK EXPERIENCE

Programmer Analyst — University of Missouri - St. Louis

January 2020 - Present

- Design, develop, and implement custom reports and ad hoc data requests in an Oracle database environment.
- Debug reports and programs whenever a problem arises.
- Assist with work to automate and improve operating processes to meet business goals.

Prospect Research Analyst — Drake University, Des Moines, IA

August 2015 - Sept. 2019

- Analyzed and synthesized information to assess constituents' philanthropic tendencies, wealth capacity and affinity.
- Designed queries and exports for trip planning and discovering new prospects.
- Collaborated to create Drake's Alumni Engagement Score.

EDUCATION

LaunchCode, LC101 Programming Course — 2020

Drake University, BS, Computer Science — 2019

University of Wisconsin - Madison, MLIS — 2015

Knox College, BA, History & Political Science — 2012

PROJECT EXPERIENCE

True Tastings — Web Application

- Designed and deployed a web application to facilitate wine tastings.
- Users can keep track of the wines and ratings in their profile.
- Implemented user login feature using Auth0

SKILLS

PROGRAMMING LANGUAGES

- Java
- JavaScript
- SQL
- Python
- HTML5/CSS3

FRAMEWORKS

- SpringBoot
- Flask

DATABASES

- MySQL
- Oracle

TOOLS

- Git
- Trello