

CONTACT

973-572-2303
proudfoot.devon@gmail.com
linkedin.com/in/devon-proudfoot
devonproudfoot.github.io

ABOUT ME

Full Stack Web Developer utilizing a Master of Information degree and a background in libraries and archives to help build effective web applications. Earned a certificate in Web Development from Southern Methodist University. Works collaboratively within a team, as well as independently, and recognized for being creative and a persistent problem-solver.

TECHNICAL PROJECTS

CHESS | GH

- Worked on an application to allow users to create an account and to play games of chess against another person
- Developed database structure, created models, wrote methods to check for obstructions on the board as well as the validity of the moves of specific pieces
- Built on Ruby on Rails to create the Back-End, and Javascript/JQuery for drag and drop functionality

REFBOX | GH

- Developed an application for allowing Special Collections libraries to track requests for non-circulating materials.
- Designed the application based on real needs to better facilitate data collection.
- Added multiple levels of permissions to allow researchers to request items, but only allow staff to change the status of requests.
- Allowed staff accounts to export request and patron data to a spreadsheet. Built on a Ruby on Rails Back-End.

REFBOX | GH

- Created a web application suiting the needs of both instructors and students.
- Provides users the ability to enroll and pay for classes with Stripe integration, and instructors to create new courses and upload video lessons. Integrated a complex database structure with users, enrollments, courses, lessons, and sections.
- Built on Ruby on Rails Back-End, with JavaScript handling aspects of the Front-End display.

Devon Proudfoot

Full Stack Web Developer

TECHNICAL SKILLS

- CSS
- Heroku
- Git
- GitHub
- Ruby on Rails
- JavaScript
- React
- Python
- Bash
- HTML
- Slack
- Trello

EXPERIENCE

University of Texas at Arlington Libraries

Project Archivist, June 2016-June 2018

- Develop a new automated workflow for transferring digital files from CDs/Floppy Disks/Hard drive into a long-term storage location as well as write and update documentation to allow for the delegation of tasks.
- Create Python scripts to automate the creation of XML metadata files from Word document templates as well as maintained the scripts so they can fit a variety of use cases.
- Write Python and Bash scripts to support the renaming of over 15,000 TIFF files, their related JPG files, and their metadata, in preparation for their import into a Drupal application.

Bentley Historical Library, University of Michigan

Project Archivist, 2016-2018

- Develop a new automated workflow for transferring digital files from CDs/Floppy Disks/Hard drive into a long-term storage location as well as write and update documentation to allow for the delegation of tasks.
- Create Python scripts to automate the creation of XML metadata files from Word document templates as well as maintained the scripts so they can fit a variety of use cases.
- Write Python and Bash scripts to support the renaming of over 15,000 TIFF files, their related JPG files, and their metadata, in preparation for their import into a Drupal application.

EDUCATION

SOUTHERN METHODIST UNIVERSITY

Web Development Bootcamp, 2019

UNIVERSITY OF MICHIGAN

Master of Science in Information, 2016