OCTAVIA SHAW

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EDUCATION

2011 – 2015	**B.S. Computer Science,** *University of Chicago*
	Relevant Classes: Functional Programming, Computer Architecture

TECHNICAL SKILLS

- Javascript (2.5 years), HTML/CSS (5 years)
- Ruby/Rails (1 year), Python/Django (2 years)
- C (2 years), Java (1 year), Rust (<1 year), Elm (<1 year)
- MySQL (1.5 years), Access SQL (1 year), PostgreSQL (<1 year)

EXPERIENCE

Jan. 2017 – May 2018

Research, Data, and Web Assistant, *Accreditation Council for Graduate Medical Education (ACGME)*
- Worked on a team to implement a major CMS update on the ACGME website by doing QA and user testing
- Worked as part of team updating the ACGME website content and created new pages using some HTML and CSS alongside a DNN (DotNetNuke) CMS system.
- Built the Residents and Fellows section of the ACGME website
- Assisted in writing and editing documentation on content submission, web request processes, and style guide
- Analyzed over 90 public comments and generated reports on common themes by writing a script to pull out common key words
- Built & maintained a political database of U.S. congress, generated reports detailing political figures and hospitals located within their areas of representation
- Created and facilitated a process for validating and organizing resources on Physician Well-Being to added to a resources database on the ACGME website
- Built a basic contacts database using SQL in access to be used for event management

Aug. 2016 - Dec. 2016

Temporary Assistant Web Manager, *Cicerone Certification Program*
- Built three international instances of website and migrated content from U.S. website to international websites
- Built online tools with Drupal 7.0 for user and product management for the online store on the website
- Managed & updated user content & permissions through MySQL database

Sept. 2015 - Present

Freelance Web Development & Personal Projects
- Worked on a one-page ticker website for National People's Action using Javascript
- Created a 3D Game of Life in Elm (a functional programming language)

Oct. 2011 – Sept. 2014

Student Assistant, *Center for Health and Social Sciences (CHeSS)*
- Updated the CHeSS website using Adobe Contribute/Dreamweaver and HTML & CSS
- Managed computer inventory and updating of computer systems

June 2012 – June 2013

Residential Computing Assistant, *Residential Computing at University of Chicago*
- Migrated, managed, and updated all residential computing websites and updated content for university housing website using HTML & CSS and University's CMS
- Provided daily IT support during the summer and held weekly office hours during the school year in student housing
- Upgraded computers and software by working as part of a team using UNIX shell scripting to automate updates and computer imaging for setup of new workstations

Aug. 2011

Participant, *Computer Science Summer Institute at Google HQ*
- Worked on a three-person team to create a Calendar web application in Python/Django
- Created a musical android application that recorded and played back sounds & beats created within the app