

JASON D. SHATZ

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EDUCATION

University of Chicago, Chicago, IL

Master of Science, Computer Science with Specialization in Software Engineering

June 2017 — June 2019

Wesleyan University, Middletown, CT

Bachelor of Arts, Major: Government, Certificate in Writing

May 2014

TECHNICAL SKILLS AND COURSES

Languages: HTML/CSS, JavaScript, Ruby on Rails, SQL, PHP, Python, Java, C++, Camel

Other Skills: Git/Github, UNIX, Terminal (Linux), Heroku, MS Office (Word, Excel, Powerpoint)

MPCS Coursework: Discrete Math, Java Programming, Algorithms, Python, Databases, Introduction to Software Engineering, C++ for Advanced Programmers, Object-Oriented Programming

Additional Technical Coursework:

- Introduction to Java, *New York University*, January 2017 - April 2017
- Python Programming, *Wesleyan University/Coursera*, November – December 2016
- Web Development Intensive, *New York Code and Design Academy*, June – August 2016

TECHNICAL PROJECTS

MASTER'S PROJECTS

Object-Oriented Programming

Spring 2018

- Created a Java scraper of RSS feeds from both news sources and social media sites
- Used Camel to accumulate trending topics on news outlets and social media platforms, store them as Trend objects, and send them to Apache ActiveMQ queues
- Utilized other enterprise integration patterns to read resulting messages and show the convergence/divergence of news trends and social media trends at a given time

Databases

Fall 2017

- Built a SQL-based database on performing arts spaces in the Chicagoland area and created a PHP-based interface through which a user can search for venues according to criteria like location, capacity, etc.

OTHER PROJECTS

Web Developer, JUST Where They Stand

August 2016 – November 2016

- Conceived, designed, and built an interactive grid web application where users can find a presidential candidate's stance on certain issues. Wrote and compiled summaries from a number of sources.
- Built the app for desktops and tablets using Ruby on Rails and Javascript, and then modified it for mobile devices

OTHER WORK EXPERIENCE

Project Assistant, Upward Bound, Office of Special Programs, University of Chicago

October 2017-Current

- Hold part-time job while working on Master's coursework
- Assist the Program Evaluator in creating Annual Performance Reports
- Create new procedures for maintaining, updating, and navigating the office's BLUMEN database

Internet Researcher, SC International, Fairfield, NJ

May 2015 – May 2016

- Expedited the IT consulting recruiting team's hiring process by finding candidates on LinkedIn and company websites
- Improved and updated the office's electronic database
- Created new methods for the team to locate candidates on LinkedIn, using new features and more complex Boolean logic

Freelance Writer

May 2014– May 2016

- Published commentaries on politics and culture in, among other outlets, BuzzFeed, Thought Catalog, and the *New York Times*

INTERESTS: Software and web development, tech meetups/hackathons, news/media, cultural/performing arts, photography