Lauren Wszolek

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Software Engineer, UX Naturalist, Diversity Devotee, Wikipedia Editor

LANGUAGES ET AL

Javascript, Ruby, HTML, CSS/SASS, Python, Julia, PHP

TECHNOLOGIES

Ember.js, React.js, Node.js, Rails, Linux, OS X, PostgreSQL, Cucumber, TDD, Agile, Scrum, Rspec

ACADEMIC & RESEARCH

Roosevelt University, Chicago - *Graduated 2022*
Bachelor of Science, Computer Science and Mathematics

- Awards: Honors in Mathematics
- Research:
  - Paper: *A Non-Centered Asymmetric Cantor-Like Set,* in collaboration with Dr. O. Urbina, Professor of Mathematics, *2022*
  - COVID Deaths Data Set: US Adjacencies, COVID Deaths Time Series, and Domestic Flight Routes (paper about data analysis, extraction, transformation); Data Products Description; Data; Python Data Generation Code. Based on paper *Similarity Between Points in Metric Measure Spaces,* in collaboration with Dr. Wolpert, Professor of Computer Science, *2022*
  - *People-Powered Research and Experiential Learning: Unraveling Hidden Biodiversity,* in collaboration with Chicago Field Museum, *2022*

EXPERIENCE

Ritani, Seattle - *Software Engineer*

MAY 2017 - NOVEMBER 2017

Organized frontend team to move a legacy adaptive Rails 3.2 app to an API-supported responsive React.js Single Page App

- Introduced and ran weekly frontend meetings to track progress and facilitate discussion; created, maintained, and prioritized backlog for front end issues
- Spearheaded team-wide infrastructure redesign to modularize/componentize code to be DRY, maintainable, and testable
- Defined goals and iterated with design team to create user-focused responsive page flows
- Worked with API maintainers to refactor legacy conceptual models to expose data in a JSON API-derived structure
- Coordinated with remote teams to integrate workflows and codeshare between projects

Groupon Getaways, Seattle - *Software Engineer*

NOVEMBER 2014 - MAY 2016

Launched and internationalized a merchant facing web application for travel inventory management, serving internal operations and external hotelier clients

- Integrated with extensive Service Oriented Architecture backend including a major migration from a legacy application to a client side javascript application
- Refactored legacy date handling to use modern standards and support internationalization
- Refactored money computations to centralize logic and processing; coordinated with API team to standardize on a single method of calculating and display pricing information
- Organized user studies and optimized workflows to reduce time to market for products
- Automated manual data entry and deal creation to increase travel org productivity

Groupon, Chicago - *Software Engineer*

APRIL 2014 - OCTOBER 2014

Performed multi-team operations and built internal tooling and monitoring for mission critical systems in purchase funnel on a variety of platforms (Rails, MySQL, PHP, Linux)

- Led redesign and acted as PM to gather requirements for internal communication tool to allow all employee requests to reach the appropriate party without specific domain or ownership knowledge
- Contributed to documentation and automation of manual processes

Girl Scouts (GSGCNWI), Chicago - *Interactive Technology Engineer*

JULY 2013 - FEBRUARY 2014

Led redesign process of online portal to increase retention and ease areas of friction

- Created single centralized and normalized user database from multiple data sources
- Performed user interviews, organized card sorts of program materials, and created user personas to guide feature development
- Developed wireframes and tested mockups with prospective users

Enova Financial, Chicago - *Sr Software Engineer & Sr UX*

SEPTEMBER 2008 - FEBRUARY 2012

- Managed team of usability engineers to perform iterative evaluations of requirements, design mockups, and testing of customer facing projects
- Improved deployment process building and deploying an internal Rails-based monitoring and code release platform
- Performed requirements gathering, created and tested wireframes with potential users, and practiced TDD during development to ensure quality

ACCOMPLISHMENTS

- Mentoring with [She's Coding](#) - networking and educational program for women in tech
- Nov 2016 EmberJS meetup talk: "[Selecting Selects in Ember](#)"
- Participated in 8 week Android development bootcamp
- Winner of Spring 2016 Groupon Hackathon Contest, category "Make Something Better"