

JESSE E. MOSKOWITZ

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TECHNICAL SKILLS

Proficient: JavaScript | Node.js | Express | React | Redux | SQL | HTML | CSS
Knowledgeable: Omeka, Chai | Mocha | DigitalOcean | Heroku | Three.js
Some Experience: Drupal, Unix | PHP | SQL | Python | Bash | Lodash | Semantic UI

Foreign Language
Conversational Hebrew
B1 French on the CEF

PROJECTS

Tourbouillon | Backend Developer | blooming-escarpment-90026.herokuapp.com/ | React-Redux, Semantic UI

- Built a shopping cart for an e-commerce website selling luxury watches as part of a team hackathon project
- Set-up authentication via Google and Facebook for users to easily log-in and save selected items
- Organized RESTful APIs to integrate a sequelize database with React-Redux front end framework

Wattpad StoryChecker | Sole Developer | storysearch.herokuapp.com/ | React-Redux

- Engineered a Search Bar that displays at-a-glance information about stories from the popular Wattpad website
- Aimed at parents, educators and librarians for age-appropriate checks of adolescent fiction
- Wrote the React-Redux to use Wattpad's API in order to make story metadata inter-operable for a public library

BreadCrumbs | BackEnd Developer | React-Native, Expo, Expo-Three, Three, Jest

- Augmented reality React-Native iOS app enabling user to view a trail of AR breadcrumbs as a pathfinding aid
- Uses Three.js in coordination with Expo and Expo-Three to create a trail of AR breadcrumbs for future viewing
- Wrote the components that use Expo-Three and Three.js to render AR orbs for single trail views

EXPERIENCE

Teen Services Librarian, Mandel Public Library; Girls Who Code Club | 08/2016 - 08/2017

- Executed academic programs for adolescents, increasing adolescent attendance over 150% over two month span
 - Oversaw "Lawyers for Literacy," programs bringing in attorneys to teach financial literacy and life skills
 - Organized "Teen Get That Job," for resume prep, interview techniques, and basic life skills; 36 students
 - Created robotics Programs to teach the basics of robotics through RaspberryPis and the Lego Mindstorms
 - Created PiDay celebration to learn about the mathematical concept of Pi while eating pies
 - Facilitated practice SAT testing, and tutored individual students studying for the GED and ASVAB tests
- Mobilized and managed fifty teenagers to help support the library's summer activities, doubling the amount of volunteers the library had in support of library summer programs and tracking hours for Teen Volunteers
- Successfully procured 1500 grant from YALSA foundation to hire a Teen Intern for summer programming
- Organized purchasing to maintain the Teen Section's vibrant collection of books, graphic novels, and manga holdings in order to keep it up to date with current trends and young adult fiction
- Girls Who Code Club: Founded and coached a Girls Who Code club, teaching HTML, CSS, JavaScript

Simmons College, Dean's Fellow for Technology Support | 02/2015 - 08/2016

- Assisted the Simmons systems administrator with Wordpress, Drupal updates, Bash scripts and Unix server admin
- Supported the college's web development projects, including coding of GUILD and Blanche
- Set up databases for technology classes, as well as provided in class support to Professors with technology needs

Wheelock College Library, Reserves/ILL Public Services Assistant | 03/2014 - 11/2014

- Overhauled the library's existing workflow so that processing of incoming and outgoing ILL is done in tandem
- Obtained research articles for students and professors via OCLC and the FLO network
- Assisted students as they formed topics of research in addition to guiding them through the application process

EDUCATION

Master of Science in Library and Information Sciences
Bachelor of Arts, summa cum laude in English and Creative Writing

Simmons College
Emory University