

JESSICA STERN

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A versatile software developer with experience building full-stack web applications from scratch across multiple programming languages. Eager to leverage burgeoning software development skills, strong customer-focused skills, and entrepreneurial spirit to create solutions on a software team. Passionate about environmental and social impact.

TECHNICAL SKILLS

LANGUAGES:

JavaScript, Python, JSX, ES6
JSON, CSS3, HTML5

FRAMEWORKS:

REST API, Express, Django

LIBRARIES:

React, jQuery, jQueryUI,
Mongoose, Axios, Postman,
Cors, Reach Router,
Bootstrap, Reactstrap,
Material-UI, Pillow

DATABASES:

MongoDB, MySQL, NoSQL,
SQLite

TOOLS/TECHNOLOGIES:

Nodes.js, Nodemon, AJAX,
Balsamiq, VSCode, IDLE,
Mattermost, Discord, Teams,
Zoom, Git, GitHub

EDUCATION

CODING DOJO - Full-Stack Software Development 2021 | Seattle / Remote

- Intensive coding bootcamp: 24 weeks, 1000+ hrs of programming, testing, pair programming, algorithms

ALDERLEAF WILDERNESS COLLEGE - Wilderness Certification Program 2016 | Monroe, WA

- Graduated with Honors

UNIVERSITY OF MICHIGAN - BA Anthropology, Minor in Environmental Science 2014 | Ann Arbor, MI

- Graduated with Honors, GPA: 3.6/4.0, James B. Angell Scholar

TECHNICAL PROJECTS

Cedar & Crow Website - Full-Stack Developer (Freelance)

Nurtured sensitive client relationship to custom-build website for small business to increase outreach and clearly present mission, values, and services offered

- Constructed a modularized app with REST API framework using MySQL, Python, and Django for optimal flexibility and page load performance
- Leveraged third party APIs to create dynamic website for universal browser compatibility and responsiveness, ultimately creating a fast and seamless UX

Challenge Accepted App - [Demo Link](#)

Provides 30-day physical fitness challenges encouraging users to stay active and work day-by-day in manageable increments towards an ultimate fitness goal

- Built deploy-ready, full-stack app from scratch using MTV architecture via Python and Django, integrating DRY code and modularized organization for scalability and future build-outs
- Implemented AJAX for asynchronous calling within keystroke search functionality to increase data load speed, negating the need to re-render HTML
- Improved user privacy and security by hashing passwords with bcrypt, avoiding IDOR by including user-login checkpoints throughout app and front- and backend validations

Wild Again App - [Demo Link](#)

Helping users live more sustainably by providing information and resources to reduce waste and choose reusable, plastic-free, ethically-produced products from local businesses

- Created single page application end-to-end with MERN stack using Mongoose for schema validation and efficient server-database communication testing
- Optimized state management systems using React hooks for global application and scope
- Integrated Axios to handle HTTP requests for widened browser support and Postman to test API, ensuring communication between client and server

SELECTED EXPERIENCE

SHERIDAN - Recruitment Manager

February-October 2021 | Chelsea, MI

Managed and improved full-scale recruiting for all operation positions of book manufacturer offering book printing and binding, eBooks, and eCommerce

- Collaborated with digital media company to advance recruiting campaign by integrating responsive and static ads utilized in geofencing, geotargeting, and beaconing
- Introduced a new standardized recruiting workflow process to enhance candidate experience, resulting in the award of "Rapid Response Company" on Indeed

RAISE THE ROOT, LLC - Founder

August 2019-Present | Ann Arbor, MI

Founder of an organic farm with a focus on regenerative agricultural principles, enhancing and promoting environmental and community resiliency

- Defined project scope and plan, scheduling tasks to execute on sensitive crop plans/harvesting schedules to produce consistent, high-quality yields throughout growing season
- Developed engaging branding campaign based on food transparency and accessibility to enhance customer journey, streamlining communication and resources of local, organic food from farm