github.com/romansorin

ROMAN SORIN

(216) 302-8812
roman@romansorin.com

EMPLOYMENT

Lead Software Developer   **Vesst**   **Dec 2019 - Present**

- Structured full design and API systems with high-scalability and performance in mind; refactored APIs, schemas, and models across several projects improving maintainability of code and reducing the frequency of bugs experienced.
- Integrated caching of requests and queries made by services for reduced wait times and faster client-side requests.
- Solved obscure issues and downtime related to database and web server setup, preventing further downtime and loss; managed several large-scale projects simultaneously.

Lead Software Developer   **Lexxify**   **Feb 2020 - Nov 2020**

- Redesigned the entire application ranging from infrastructure to actual implementation for a more efficient, high-quality product and user experience.
- Established internal documentation and practices to reduce overhead and improve developer experience.
- Built utilities and APIs to be used for internal and external consumption providing more consistency in responses, behavior, and ease of use
- Incorporated project management techniques to maintain constant growth, increase frequency of updates, and ensure that there was constant collaboration across the team.

Software Developer   **Lets-go.design**   **Jul 2019 - Dec 2019**

- Added and maintained new features to both the admin and user-facing parts of the application, increasing exposure and adoption of the product.
- Obtained knowledge and guidance on best practices and asynchronous collaboration, resulting in a greater focus on quality through documentation and code review.

Software Developer   **CarbonWebPrint**   **Jan 2019 - Jul 2019**

- Built a reporting dashboard for clients to view analytics resulting in increased profits and client retention.
- Furthered collaboration skills through the instruction of colleagues and pushed for changes in architecture, translating into more clients and projects.

PROJECTS

Layout Hierarchy and UX

- Developed a comprehensive Python application which implemented AWS Alexa APIs, scraped pages, and performed image manipulation using OpenCV to standardize results and maintain constant features.
- Implemented a clustering algorithm to determine commonalities in most popular global website layouts, and designed several layout variants based on clustering results.
- Built a web app to randomly display a variant to a user and record their behavior; analyzed user behavior by looking at various metrics and patterns associated with layouts.
- Wrote an extensive research paper detailing the process, results, and implications, as well as possibilities for future research and real-world implementation.

BoardVitals QA

- Reverse-engineered API requests to automatically query and parse exam questions/answers from a bank based on exam ID and authentication cookies. Manipulated API responses to display data concisely using JSON, implemented basic throttling to reduce the frequency of requests.

SKILLS

(*proficient*): PHP, Laravel, JavaScript, HTML/CSS, React, Vue, Git (*familiar*): SQL, Python, Unix, AWS