

JASON ISRAILOV

Software Engineer | Entrepreneur | Tech Enthusiast

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EDUCATION

MICHIGAN STATE UNIVERSITY, COLLEGE OF ENGINEERING

Graduated in May 2022

Bachelor of Science (B.S.) Computer Science major, Cybersecurity minor

Dean's List

Relevant coursework: Cybersecurity, Web & Mobile App Development, Algorithms & Data Structures, Databases, and Capstone

WORK EXPERIENCE

EMPYRE WEBS

Detroit, MI

Co-Founder & Chief Technology Officer

April 2020 – Present

- Co-founded a software development company managing over 20 clients in various industries by developing customized websites with an in-house CMS platform to decrease development timelines and increase visitor traffic by over 42% on Google Analytics.
- Developed a fully customized website for NGOs with automations in event management, payments, emails, and a membership portal allowing them to easily manage 700 members and generate \$500,000 in membership donations within a 6-month period.
- Enhanced BESA Detroit's, a fine dining restaurant, SEO-optimized website through Squarespace and Google Analytics achieving increased traffic by 350% and 11,000 active users within a 90-day period.

MICHIGAN STATE UNIVERSITY (MSU): ELI BROAD COLLEGE OF BUSINESS

East Lansing, MI

Senior Web Development Intern

January 2021 – September 2022

- Managed and oversaw a team of three junior web development interns by ensuring all code complies with team standards, follows unit testing best practices, and follow software development life cycle leading to the improvement of university websites.
- Performed content updates to over 300 web pages with the use of WordPress, completed an average of 37 tickets per month and improved mobile responsiveness achieving a decrease in 11.4% of mobile bounce rate in a 90-day period.
- Utilized industry-standard web development languages and tools to create a custom contact section within menu navigation for 56 programs and degrees for website users to easily contact or follow department social media accounts.
- Optimized search engine placement using SEO concepts such as focus key phrases during an audit across all programs and degrees incorporating website accessibility features producing a 20% increase in new users in a single month.

MICHIGAN STATE UNIVERSITY (MSU)

East Lansing, MI

Full Stack Software Development Engineer

January 2022 – May 2022

- Designed and implemented Kohl's Athenaeum, a large-scale cloud native web-based application, containerized with Docker to enable easy deployment to Google Cloud with a team of 5 MSU senior computer science students in the capstone course.
- Worked directly with Kohl's to develop a complete project plan to better internal communication channels and productivity amongst over 500 Kohl's developers and information technology team members.
- Developed in an Agile environment to create pixel-perfect designs using a modern front-end JavaScript framework, ReactJS, and a micro web framework written in Python to create the back-end API service, Flask, for the application.

EQUIFAX INC.

Alpharetta, GA

Site Reliability Engineer Intern

May 2021 – August 2021

- Collaborated with app developers to research and remediate security vulnerabilities within Service Level Agreements (SLA) reducing the overall threat by 95% in a 3-month period.
- Supported the transformation of legacy platforms by practicing Jenkins Continuous Integration (CI) and Continuous Development (CD), analyzed Google Cloud repositories, and maintained services in the production environment by monitoring availability and latency to ensure the overall safety and security of the systems.
- Adapted the agile-scrum framework for optimizing efficiency of the most susceptible storage buckets based on the Common Vulnerability Scoring System in the Google Cloud Platform to streamline communication of vulnerabilities across each team.

SKILLS

Programming Languages: Python, Java, C, C++, ARM Assembly | **Web Development:** HTML5, CSS3, JavaScript (ReactJS) | **Databases:** SQL, MySQL | **Tools/Frameworks:** Flask, Git, GitHub, Docker, Kubernetes, Google Cloud Platform (GCP), Xcode
Languages: English (Fluent), Russian (Intermediate)

ACTIVITIES

Technical Analyst, Spartan Blockchain Solutions, 2021 – 2022

Member, Burgess Institute for Entrepreneurship & Innovation, East Lansing, 2021 – 2022

Sponsorship Team, SpartaHack Hackathon, East Lansing, 2018 – 2020

Interests Include: Chess, Golf, Electric Cars, Cybersecurity, Privacy, and Escape Rooms