

# JASON ISRAILOV

Engineer | Entrepreneur | Technologist

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## EDUCATION

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### MICHIGAN STATE UNIVERSITY, COLLEGE OF ENGINEERING

Graduated in May 2022

**Bachelor of Science (B.S.) Computer Science major**, IT Security Management minor

Dean's List

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

## WORK EXPERIENCE

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### EMPYRE WEBS

Detroit, MI

#### Co-Founder

April 2020 – Present

- Co-founded a software development company that manages over 20 clients in various industries by developing customized websites with an in-house CMS platform to decrease development timelines and increase traffic by over 42%.
- Developed a fully customized website for an NGO with automations in event management, payments, emails, and a membership portal allowing it 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 a team of three junior web development interns by ensuring all code complies with team standards, follows unit testing best practices, and aligns to mainstream software development life cycle.
- 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 and continuous delivery (CI/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.
- Optimized efficiency of key susceptible storage buckets using the agile-scrum framework to streamline communication of vulnerabilities across each team. Benchmarked improved GCP performance based on Common Vulnerability Scoring System.

## SKILLS & ACTIVITIES

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

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

Technical Analyst, Spartan Blockchain Solutions, 2021 – 2022

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

**Interests Include:** Cybersecurity, Chess, Electric Cars, Golf, Networking, Privacy, and Web3