

GEORGES GEWARGIS

Chicago, IL

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EDUCATION

Washington University in St. Louis

B.S. in Computer Science - Major GPA: 3.50 / 4.00

Aug 2024 – May 2028

St. Louis, MO

EXPERIENCE

JukeHouse Music Publishing

Jul 2025 – Present

Tech Co-Founder

St. Louis, MO

- Leading the complete development of **JukeHouse.fm**, a music publishing administration platform that helps songwriters collect royalties globally while retaining 100% ownership of their rights.
- Architecting and implementing a full-stack solution using **Django**, **PostgreSQL**, and modern web technologies to handle worldwide music publishing administration, royalty collection, and songwriter account management.
- Designing scalable database schemas and building RESTful APIs with **Django REST Framework (DRF)** to integrate with global collection societies, performance rights organizations (PROs), and digital service providers for automated royalty tracking and distribution.
- Building comprehensive user dashboards and reporting systems that provide real-time earnings analytics, detailed monthly reports, and transparent royalty breakdowns for thousands of songwriters worldwide.

Habitat Financial

May 2025 – Aug 2025

Software Development Intern

St. Louis, MO

- Developing full-stack features using **Django**, **PostgreSQL**, **HTMX/Bootstrap CSS**, and **JavaScript** for royalty statement processing and payee management.
- Building responsive interfaces for album/artist management, revenue tracking, and financial reporting.
- Implementing data processing pipelines to handle complex royalty calculations across multiple regions.
- Contributing to API development for seamless integration with music platforms and payment systems.

Bliss Salon of Glenview

Apr 2025 – May 2025

Freelance Web Developer

Glenview, IL

- Designed and built a fully responsive salon website utilizing **React**, **Vite**, **SCSS**, and **JavaScript**, while managing the full client relationship and project timeline.
- Optimized **SEO** through implementation of sitemap, robots.txt, Open Graph metadata, and **JSON-LD structured data**.
- Integrated custom **DNS/SSL** with **Vercel** and **GoDaddy** to enable secure public deployment.

PROJECTS

Personal Portfolio Website | Next.js, Tailwind CSS, Framer Motion, Node.js

May 2025

- Built and deployed a fully responsive portfolio site, showcasing projects, contact forms, and animated UI.
- Integrated serverless API routes with **Nodemailer** to enable a secure and functional contact form.
- Optimized for **SEO** and social sharing using **Open Graph** metadata, custom domain setup, and accessibility best practices.
- Deployed via **Vercel** with production-ready performance and domain routing through **Cloudflare**.

NutriScan | Streamlit, Python, OpenAI API, Foodvisor API, Pandas

Oct 2024

- Built an advanced **Streamlit** app that uses **image analysis** to estimate the nutritional content of food during WashU's 24 Hour Hackathon.
- Implemented API integrations with **OpenAI** and **Foodvisor** to offer personalized recipe suggestions and daily caloric intake calculations, enhancing user experience.
- Engineered a visually appealing interface utilizing Streamlit and **Pandas** data manipulation tools.

Machine Learning Recidivism Predictor | Pandas, SciKit-Learn, Python

Jun 2023

- Designed and implemented a fair and ethical **machine learning model**, with the Inspirit AI Team, to predict recidivation rates with 80% accuracy using Florida county jail data
- Trained a **neural network** with 3 hidden layers and 10 neurons per layer

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, Java, HTML/CSS, C, C++

Technologies/Frameworks: Django, PostgreSQL, Celery, Redis, React.js, HTMX, Tailwind CSS, Bootstrap CSS, Node.js, Docker, Vercel, Git