GEORGES GEWARGIS

Chicago, IL

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EDUCATION

Washington University in St. Louis   **Aug 2024 – May 2028**
B.S. in Computer Science   *St. Louis, MO*

EXPERIENCE

JukeHouse Music Publishing   **Jul 2025 – Present**
Lead Software Engineer   *St. Louis, MO*
- Leading the complete development of **JukeHouse.fm**, a music publishing administration platform that helps songwriters collect royalties globally.
- Implementing a full-stack solution using **Django** and **PostgreSQL** to handle worldwide music publishing administration, royalty collection, and songwriter management.
- Designing database schemas and RESTful APIs with **Django REST Framework** to integrate with collection societies, performance rights organizations, and digital service providers for automated royalty tracking.

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

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, PHP, HTML/CSS, C, C++
Technologies/Frameworks: Django, PostgreSQL, MySQL, React.js, HTMX, Tailwind/Bootstrap CSS, Node.js, Git