Lore Schwartz

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Education

The University of Victoria, Victoria, BC   Sept 2020 – Dec 2024
BSc in Computer Science, Minor in Film Studies

Relevant Courses

- AI Computing
- GPU Computing
- Network Communication
- Human Computer Interaction
- Database Systems
- Algorithms & Data Structures

Work Experience

Administrative Assistant, Catalyst Kinetics Ltd.   May 2024 – Present
- Manage patient intake and communication for a medical clinic in Vancouver, ensuring a smooth and professional onboarding process while prioritizing clarity and courtesy.
- Developed and maintain Excel-based quarterly assessments, including staff performance evaluations and department-specific patient retention analysis.

Photographer and Videographer, Freelance   July 2022 – Present
- Capture events, portraits, and concerts with a strong focus on aesthetics, storytelling, and community.
- Deliver meaningful images and videos by translating client visions into results, meeting deadlines, and maintaining clear, professional communication.

Kitchen Assistant, Belleville's Watering Hole and Diner   May 2022 – Sept 2022
- Worked full-time in a high-pressure kitchen, maintaining efficiency and strict adherence to health and safety protocols while assisting with meal prep, organization, and dishwashing.
- Provided reliable team support, filling in for cooks when needed and adapting to shifting demands to ensure consistency, quality, and a positive work environment.

Projects

JazzBud github.com/eclipse162/jazzbud   May 2024 – Present
- Lead developer and designer on a small team building a Spotify-based web app which allows users to segment jazz songs, visualize sections, and save, share, and explore partitions from other users.
- Built a Django backend with PostgreSQL to manage user authentication, track partitioning, and shared community data.
- Developed a dynamic UI with JavaScript (D3.js), HTML/CSS, and Django templates for real-time track partitioning, playback synchronization and interaction with the Spotify API.

Photography Portfolio lorearcherschwartz.com   Feb 2025 – Mar 2025
- Designed and built a responsive photography portfolio using HTML/CSS and JavaScript, showcasing my work with a minimalist design which reflects my aesthetic sensibilities to future clients.

Instagram Engagement Bot github.com/noiseuse/tweevilbot   July 2024 – Aug 2024
- Developed a Discord bot using Python, Selenium, and the Discord API to track and scrape Instagram follower activity and send real-time updates to users.

Technical Skills

- **Software Development:** C/C++, Java, Python, JavaScript, CUDA
- **Web Development:** HTML/CSS, Django, PostgreSQL, Render, D3.js
- **Systems & Tools:** Bash, Git, SQL, Figma, MacOS, Windows, Linux, Assembly, Microsoft Suite
- **Design & Media:** Premier Pro, Photoshop, Lightroom, Digital/Analog Photography & Videography