

Tanner Loeppky

Contact

LinkedIn: <https://www.linkedin.com/in/tanner-loeppky-600524243/>
GitHub: <https://github.com/TannerShmoog>

Markham, ON, Canada
+1 (403) 506-9347
tdloeppky@protonmail.com

Objective

B.Sc. Computer Science graduate, eager to contribute my skills and enthusiasm to a collaborative team environment. Seeking a position that offers mentorship opportunities and the chance to expand my expertise in full stack development.

Experience

Independent Contractor — Lua Developer

2022 – 2023 (Remote)

Full-stack freelance developer for a user interface plugin, responsible for delivering readable, thoroughly documented, and maintainable code to specification using Lua and Git version-control.

- Architected various asynchronous components for a complete and modular product
- Plugin received 49,216 downloads as of August 2023
- Realtime parsing of natural language to tag messages
- State preservation and validation between user sessions
- Hashing verification system to prevent counterfeit messages
- Interfaced with a 3rd-party API
- Created Python scripts for data manipulation
- Managed other contributors and reviewed commits
- Reference available on request

NIA Drink & Dessert — Web Developer

2022 – 2022 (Remote)

- Built a Shopify store for online orders and merchandise sales
- Custom Javascript features and layout to allow delivery scheduling to client's specifications

Lacombe County Office — I.T. Technician and Developer

2016 – 2017 (Lacombe County, AB)

- Deployed, monitored, and maintained network-wide server software
- Developed a headless server hardware monitoring application
- Allowed I.T. staff to remotely monitor power and network outages to safely shut down servers

Education

University of Alberta — B.Sc. Computer Science

2016 – 2021 (Edmonton, AB)

In-Major GPA: 3.0

Skills

- Javascript, Python, Java, ASP.NET, Lua, SQL, HTML5 / CSS, C, LaTeX
- Git Version Control
- Assembly-Level Programming and Computer Architecture
- Machine Learning
- Basic Encryption and Network Security
- Natural Language Processing
- Windows, Linux, Bash Shell, VSCode

Projects

- Self-Deployable Discord Music Bot [discord.py, ffmpeg]
 - Scalable, simple to set up
 - Plays from local library
 - Realtime manipulation of audio during playback [pysox]
- Simple Neural Network for Music Genre Prediction
 - Binary categorization of .wav files on a certain genre
- Visually Similar Image Matching Tool
 - Easily find duplicate or near duplicate images in a directory [PIL, imagededup]
 - Simple UI, fast performance on large amounts of data [pyqt]
- Workflow Automation and Custom Backup Scripting