Elijah Lopez Software Developer | Student

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Creative, and innovative developer with 3+ years of Python experience. Adept at integrating computer science and mathematical principles to solve challenges or build applications.

SKILLS

- ★ Python
- ★ Java
- ★ Flask
- ★ C# Unity
- ★ HTML/CSS/JS
- ★ SQL & noSQL DB's
- ★ Heroku
- ★ Git

EDUCATION [SEP 2019 - APR 2024]

University of Waterloo - *Bachelor of Computer Science*
Wilfrid Laurier University - *Bachelor of Business Administration*

ACHIEVEMENTS

- Creator of Firefox's top rated theme
- 650K+ Chrome and Firefox extension installs
- 2000+ GitHub commits
- Top 25% in various UWaterloo math contests

PYTHON DEVELOPER

Discord (A communication service) Bots

- Stored information using MongoDB and SQLite
- Music playing features using the Youtube API
- Ability to play Tic-Tac-Toe using dictionaries and lists

Website

- Hosted on Heroku Cloud Application Platform
- Flask (backend) + PostgreSQL

Music Caster - Local and Chromecast Music Player

- Used PySimpleGUI, pygame, pychromecast and more

Music Metadata Editor

- Automatically sets metadata album art
- Used mutagen for metadata editing and Spotify API to fetch album art

Jungle Climb (Game)

- A platformer game made using pygame, sprites, and OOP

Chrome and Firefox Extensions

- Created automated zipping tools using Python

PARTICIPATION

Robotics, Student Council, Cross Country, Math Clinic, Band

CERTIFICATIONS

National Lifeguard ('18)

Standard First Aid ('18)

WORK EXP.

Ron Edwards YMCA - *Lifeguard and Swim Instructor*
JUL 2018 - AUG 2019

Tim Hortons - *Stocker*
APR 2017 - JUL 2017

Fortinos Supermarket - *Cafe Barista*
AUG 2016 - DEC 2016