

# Elijah Lopez

## Software Developer

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### SKILLS

- |                 |          |                    |                     |
|-----------------|----------|--------------------|---------------------|
| ★ Python 3+ yrs | ★ Unity  | ★ HTML/CSS/JS      | ★ Quick Learner     |
| ★ Java          | ★ Flask  | ★ MongoDB + SQLite | ★ Logical approach  |
| ★ C#            | ★ Heroku | ★ Automation       | ★ Abstract thinking |

### EXPERIENCE

#### Python Developer

- 1000+ commits on GitHub
- Great debugging abilities

#### Discord Bots

- Storing information using MongoDB and SQLite
- Made complex features such as tic tac toe and music player capabilities including autoplay using Youtube API

#### Website

- Heroku Cloud Application Platform
- Flask (backend server)
- Made a wrapper for my high school's announcements

#### Music Caster

- Python based music player which can cast local music files to a Chromecast or Google Home

#### MP3 Editor

- Sets metadata and album art for mp3 files efficiently
- (Spotify API)
- Unit testing

#### Chrome and Firefox Extensions

- Created automated build tools
- 420K+ Downloads

#### Ron Edwards YMCA, Burlington - Lifeguard and Swim Instructor

July 2018 - PRESENT

- Responsible guarding, keeping cleanliness, and teaching children how to swim

### EDUCATION

#### University of Waterloo & Wilfrid Laurier University - BCS / BBA

SEP 2019 - APR 2024

#### Robert Bateman High School

- IB Certificate

SEP 2015 - JUN 2019

### AWARDS

- Top 25% in Canadian Computing Contest
- Top 25% in various uWaterloo math contests
- Level 7/7 in IB Math and IB Physics

### PARTICIPATION

- Robotics
- Student Council
- Cross Country

### CERTIFICATIONS

- National Lifeguard
- Standard First Aid