



LYNDON RENAUD

Computer Science Student

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PROJECTS

Video Sharing Site


 secret-thicket-28575.herokuapp.com

 January 2021

- Allows users to easily upload and share source quality videos. User interface is responsive with different color modes and adheres to the 3-click rule.
- Uses **Django** framework and **PostgreSQL** for the backend and makes heavy use of Django templates.
- **Google Cloud Storage** bucket configured to store site videos.
- Hosted on **Heroku** with gunicorn HTTP server.

Bipartite Graph Matching Finder

 **Bipartite-Maximum-Matching**

 November 2020

- **C++** program which finds the maximum matching in a bipartite graph.
- Applies Graph Theory and data structures to reduce runtime from $O(n^3)$ to $O(n^2)$.
- Uses **Python** to generate a visualization of the matching found in the graph.

Am I at Risk?

 **WinHacks 2020**

 March 2020

- Worked in a team to develop a **React** app for WinHacks 2020 hackathon which won a prize.
- Successfully hosted the app and a **MySQL** database on **Google Cloud** which is accessed via **PHP**.
- Utilizes Google's Geocoding API to query locations based on user input.

ACHIEVEMENTS



Achieved Dean's Honour Roll from 2018 - 2020



Won "Best Domain Registered with Domain.com" at WinHacks 2020 hackathon



Won "Best Use of Google Cloud Platform" at MLH's HackYourPortfolio hackathon

EDUCATION

University of Windsor,
B.C.S Computer Science Honours

- Currently in fourth year
- Graduating in April 2022

SKILLS

C++

Python

Java

SQL

HTML/CSS

JavaScript

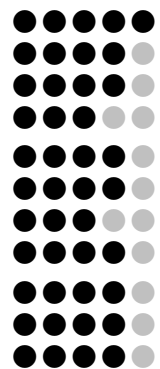
PHP

Django

Linux

Git


Docker CE



EXPERIENCE

IT Project Member


University of Windsor

 Sept. 2019 – Apr. 2020

- Worked in a team to upgrade the campus' Windows 7 machines to Windows 10.
- Assisted clients with software and hardware issues.
- Helped successfully upgrade over 50% of the campus' computers.

IT Analyst Co-op

Canada Revenue Agency

 Jan. 2019 – April 2019

- Worked in a team to upgrade Windows 7 machines to Windows 10.
- Helped clients troubleshoot and fix computer, application, & peripheral problems.
- Successfully upgraded all computers at a site without issue and worked closely with clients to ensure data safety.