PARSA YADOLLAHI
STUDENT

✉ parsa.yadollahi@mail.mcgill.ca
🌐 parsayadollahi.github.io
📞 (514) 606-0230
📍 Montreal, Qc
in parsa-yadollahi
○ ParsaYadollahi

Skills

TECHNICAL - EXPERIENCED

Python
Java
Bash

TECHNICAL - FAMILIAR

C
Sass
HTML/CSS
Agile
React

TOOLS

Git
Jenkins
Tox
Makefile

LANGUAGES

English
French

Clubs

McGill Competitive Programming Current

- Member of McGill's Competitive Programming club
- Club hosting programming challenges & coding competitions year-round

Education

McGill University
Sept. 2018 to May 2022

Undergraduate B.Sc Computer Science
Sophomore Computer Science major

Experience

Cisco Systems
Ottawa, Ont

Software Engineer Intern
May 2019 to Sept. 2019

Project - Python Automated Testing Systems Group (pyATS - Genie)

- Developed **parser** libraries to structure data given by various networking protocols on Cisco's testbeds.
- Designed **Static & Dynamic** Analysis tools to test pyATS' codebase such as **Cythonize**, code **coverage**, and **linting** tools.
- Enhanced pyATS packaging and project distribution.
- Built **Jenkins** pipeline to validate automated test cases on nightly/weekly bases.
- Automated and standardized Python **testing** for different interpreters using **Tox**.
- Improved performance, security, and reliability of existing **pyATS** libraries achieving up to **30% increase** in runtime speed.

Unigym Gymnastics Club
Gatineau, Qc

Gymnastics Coach
2011 to 2013

- Taught artistic gymnastics fundamentals for ages 6-18.
- Worked on Program supervision, schedule coordination, and communication.
- Planned daily training and engaged in peer mentoring.
- Obtained NCCP Gymnastics Foundations Level 1 Certification.
- Learned Basic First Aid, Respect in Sport and "Making Ethical Decisions" certificates.

Projects

Course Talk - HackPrinceton
Nov. 2018

Web-based project focused on connecting University students who have common courses by automatically adding them to group conversations.

- Designed frontend using **React.js**.
- Designed backend by teammate using **Node.js** and **Express.js**.
- Web app hosted on **Heroku** cloud platforms.

YouCompress - ImplementAI Hackathon
Sept. 2019

Python program that compresses videos by extracting segments where humans are detected.

- Used **wrnchAI Cloud API** to detect and gather statistics on human movements.
- **React** frontend designed to display **graphical analysis** of data gathered by the program.
- Feature extraction and image manipulation using libraries such as **Numpy** and **OpenCV**.

Wikipedia Graph Scraper
Oct. 2019

Full-stack Web App designed to scrape Wikipedia pages and display the first three links found in the content section of that page.

- Designed frontend with **React.js** - HTTP request handled with **Axios**
- Designed backend by teammate using **Flask** and **PostgreSQL**

Sports

Gymnastics

- Devoted 16 years of men's Artistic Gymnastics 25 hrs of athletic training/week.
- Completed 7 national level competitions.

National Competitions - Highlights

- Elite Canada National Competition 2017 (Bronze Medal – Rings | Top 8 Canada).
- Canadian Gymnastics Championships 2013-14-15 (Silver, Gold Medal - Top 6-8 Canada).