

PARSA YADOLLAHI STUDENT



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parsa-yadollahi

ParsaYadollahi

Skills

TECHNICAL - EXPERIENCED

Python

Java

Bash

Agile

TECHNICAL - FAMILIAR

C

HTML/CSS

Sass

TOOLS

Git

Jenkins

Tox

Makefile

LANGUAGES

English

French

Hackathon

ImplementAI Sept. 2019

YouCompress

HackPrinceton Nov. 2018

Attendee - CourseTalk

HackHarvard Oct. 2018

Attendee

McHacks Feb. 2018 to 2019

Attendee

ConUHacks Jan. 2018 to 2019

Attendee

McGill Competitive Programming 2019 to Current

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

Education

McGill University

Undergraduate B.Sc Computer Science
Sophomore Computer Science major

Sept. 2018 to May 2022

Vanier College

Quebec College Diploma - DEC Pure and Applied Science
Part of the Sport Study program

Sept. 2015 to May 2018

Employment

Cisco Systems

Software Engineer Intern

Ottawa, Ont

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

Gymnastics Coach

Gatineau, Qc

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

YouCompress - ImplementAI

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**.

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 using two instances of **Node.js**, one to run the Web Application on **Express.js** and one to handle the React frontend.
- Project bundled using **Webpack**.
- Web app hosted on **Heroku** cloud platforms.

Sport

Gymnastics

- Practiced a total of 16 years of men's Artistic Gymnastics.
- Devoted 25 hrs of athletic training per week.
- Completed 7 national level competitions throughout 6 years.

National Competitions - Highlights

- Elite Canada National Competition 2017 (Bronze Medal – Rings | Top 8 Canada).
- Canadian Gymnastics Championships 2015 (Top 8 Canada).
- Canadian Gymnastics Championships 2014 (Silver Medal – High Bar | Gold Medal - Team Event).
- Canadian Gymnastics Championships 2013 (Top 6 Canada).