

# Yadollahi Parsa

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## EDUCATION




### MCGILL UNIVERSITY

B.Sc IN COMPUTER SCIENCE

Sept 2018 - Expected May 2022

Montreal, QC

## LINKS

 ParsaYadollahi  
 Parsa-yadollahi  
 Parsa Yadollahi

## SKILLS

### TECHNICAL

Experienced:

Python • Java • Bash

Familiar:

C • React • SCSS

HTML/CSS

Tools:

Git • Jenkins • Makefile

### LANGUAGES:

English - Fluent

French - Fluent

## EXPERIENCE

### CISCO SYSTEMS | SOFTWARE ENGINEER INTERN

June 2019 – Sep 2019 | Ottawa, ON

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

- Developed **parser** libraries & **unit tests** 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**, **linting** tools & **Tox**.
- Built **Jenkins** pipeline to validate automated test cases on nightly/weekly bases.
- Improved performance, security, & reliability of existing **pyATS** libraries achieving up to **30% increase** in run time speed while refactoring & reducing over **2000** lines of code.
- Experience with **Agile** Methodology & SCRUM

## PROJECT

### SOCIAL MEDIA APP | REACT, REDUX, EXPRESS, FIREBASE

Dec-Jan 2020

Full stack, fully-featured social media application that allows users to login/sign up, share posts, personalize their information, upload images & receive notifications.

- Developed backend using **Node.js** & **Express** containing authentication & cloud functions deployed to **Firebase**
- Developed E2E test scripts using **Nightwatch JS**.
- Designed frontend using **React/Material-UI** with **Redux** for stateful application connected to Firebase server using **Axios**.
- Followed **SDLC** to achieve my goal of learning, implementing & testing a new programming language while learning the usability of google's Firebase platform.

### GITHUB ISSUES SEARCHER

Jan 2020

Frontend app that displays GitHub Issues & pull requests of git repository given by the user

- Designed Frontend using **React/Material-UI** as well as React **Router** for navigational components
- Fetched data using github's API using **Axios**.

### VIDEO COMPRESSION

Sep 2019 | Montreal, QC | ImplementAI hackathon

Python program that compresses videos by extracting segments where human activity is detected.

- Leveraged wrnchAI **API** to detect & gather statistics on human movements
- Designed **React** frontend to display **graphical** analysis of data gathered by the program.
- Feature extraction & image manipulation using **Numpy** & **OpenCV**.

## AWARDS - SPORT

2013-15 Canadian Gymnastics Championships  
Silver, Gold Medal - Top 6-8 Canada

2017 Elite Canada National Competition  
Bronze Medal - Rings | Top 8 Canada

2005-19 Completed 7 national level competitions.

Devoted 16 years of men's Artistic Gymnastics 25 hrs of athletic training/week.