

Adrien Tremblay

Software Engineering / Development

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Experience

Space Concordia Robotics Software Team

Concordia University, Montreal QC Canada (2019-present)

- Work on ROS software for competition rover
- Contribution to Flask base-station user interface
- Participation in weekly standup meetings
- GitHub: github.com/space-concordia-robotics

Junior Web-Development Intern

42Labs, San Po Kong Hong Kong China (2014)

- Produced a website for a client company
- Implemented using Ruby On Rails
- Designed front end using HTML, CSS, and Bootstrap
- Company Website: 42la.bs

Projects

CRC Robotics Competition Simulation

- A 3D simulation for the 2020 CRC 'Flip!' Game
- Implemented using Java JMonkey3 Game Engine
- Modeled environment using Blender
- Simulated physics using JBullet physics engine
- Created XML GUI using NiftyGUI
- GitHub: github.com/adrientremblay/CRC-Robotics-Simulation

Personal Website

- My Personal Blog
- Implemented using the Django web framework
- Database created with PostgreSQL
- Hosted on Heroku cloud platform
- GitHub: github.com/adrientremblay/Personal-website

StudySpotter

- Completed for McGill CodeJam Hackathon (2019)
- Winner in the AI subcategory
- REST API to transfer data between site and hardware
- Designed frontend using Plot.ly Dash web framework
- GitHub: github.com/samuellando/StudySpotter

COOP Compass CV Generator

- Generates cover letters from hiring manager information
- Web scraping using Selenium Python
- Word document generation using Powershell
- GitHub: github.com/samuellando/StudySpotter

Education

Concordia University COOP

Montreal, QC Canada
BEng, Software Engineering
2018-present

Marianopolis College

Westmount, QC Canada
DEC, Pure and Applied Science
2016-2018

Languages

Python
Java
C/C++
Javascript
PHP
SQL
PowerShell
Ruby

Frameworks

Django
Flask
React
Node
Bootstrap
ROS
Phaser3
JMonkey3
Plot.ly Dash
Selenium
Ruby on Rails

Technologies

Git
Vim
Arduino
Linux
Blender

Skills

English (native)
French (functional)