

ABBAS YADOLLAHI

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Skills

PROGRAMMING LANGUAGES

Python
Java
Ruby
JavaScript
HTML/CSS
Bash

FRAMEWORKS

Django
Spring
Rails
React
AngularJS
Vue.js
OpenCV
Scikit-learn

SOFTWARES

AWS
Heroku
PostgreSQL
Jenkins
TravisCI
Git

LANGUAGES

English (fluent)
French (fluent)

Awards

Daniel Varro May 2018
Tomlinson Award
Awarded for having 1st prize project and top 3 best performing students in ECSE 321 (Winter 2018)

David A. Lowther Apr. 2016
Infolytica Award
Awarded for placing 1st in final autonomous robot competition in ECSE 211 (Winter 2016)

Employment

Native Touch

Full Stack Developer Intern

May 2018 - Aug. 2018

Montreal, QC

Project – Platform for setting up mobile advertising campaigns and creating statistics reports

- Fully redesigned Angular and Rails controllers to improve scalability and to integrate new UI components
- Developed analytics page displaying dynamic data charts and maps using D3
- Created Karma/Protractor and Rspec tests and integrated them into build pipeline

Cisco Systems

Full Stack Developer Intern

May 2017 - Aug. 2017

Ottawa, ON

Project – Analytics engine that builds images, tests against Cisco testbeds and triages for regression issues

- Implemented requirements matching for back-end triaging engine
- Designed React pages to display build stats, test results and analytics
- Refactored HTML templates to React to reduce page loading times by 20%
- Created jobs to monitor the status of 6 production machines

Cisco Systems

Software Engineer Intern

May 2016 - Aug. 2016

Ottawa, ON

Project – Python Automated Testing Systems Group (pyATS)

- Designed enhanced PyPI tool for managing user environments (Bash)
- Designed network topology imaging tool for Cisco's testbeds (Python)
- Documented and provided Black Box and Unit tests for newly developed software

Projects

TreePLE

Feb. 2018 - Apr. 2018

- Map based webpage and Android app where users manage their trees and view those listed by other users of the community
- Access to statistics and charts of tree data built using Nivo (D3)
- Designed frontend using **React**, implementing Google Maps API and SemanticUI for CSS
- Designed backend using **Spring**, communicating with a **MySQL** database
- Integrated **JUnit** and test coverage in **Jenkins** build pipeline
- Awarded 1st place for *Best Project of Winter 2018* out of 15 teams

NoQ - McHacks 2018

Jan. 2018

- Android app where users can see wait times of their favorite locations across the map
- Designed Java **Spring** backend and **SQLite** database, hosted on local Tomcat server
- Implemented Google Maps API to gather geolocation data from the userbase

Robonaldo

Jan. 2016 - Apr. 2016

- Autonomous soccer playing robot built using EV3 Lego tools implemented with LeJOS API
- Planned every stage: documenting, architecture, coding, testing, troubleshooting, debugging
- Developed testing methods to troubleshoot bugs in our software and fix hardware issues
- Awarded 1st place in final EV3 robot competition out of 17 teams

Education

McGill University

Bachelor of Electrical Engineering – Minor in Software Engineering
CGPA: 3.44/4.0

Sept. 2015 - Apr. 2019

Main Courses:

- Design Principles & Methods – Digital Systems Design – Telecom Networks
- Operating Systems – Parallel Computing – Applied Machine Learning – Computer Vision