

Navid Rayhan

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 navidrayhan.com
 /NavidRayhan
 /NavidRayhan
 Toronto (CAN Citizen)

EDUCATION

McMaster University

B.S. Mathematical Sciences (Focus in Computer Science)

September 2016 - Dec 2020

Key Courses: Data Structures & Algorithms, Software Development, Principles of Programming
Activities: McMaster AI, Engineers Without Borders, Varsity Basketball

EXPERIENCE



Amazon

Software Engineer Intern on Supply Chain Optimization team

May 2020 - August 2020

Vancouver, BC

- Developed internal Amazon tools for **managing Transit change requests** using Java Spring MVC with JSP view
- Implemented functions to **asynchronously stream request** validation results to the user
- Integrated key services into new stack for internal app, increasing options for future endeavours



Adlib Software

Software Developer Intern on the AI team

May 2019 - December 2019

Burlington, ON

- Developed the **infrastructure/pipelines** for integration of **CNN** that detects signatures and doc modifications into a doc management system using Python/JSON/RabbitMQ/.NET
- Created automation testing tools for validating NLP model accuracy and SQL scripts to ensure functionality within the product



Your African Safari

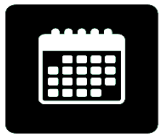
Full Stack Developer Intern working part-time remotely

August 2019 - October 2019

Denver, CO

- Migration of unmaintained large Perl/PHP tourism website & legacy database to modern Django/Angular stack, greatly improving functionality, speed, and UX

PROJECTS



CodeLendar

Tech Used: Python, Django, REST API, Http, JavaScript, jQuery, HTML/CSS

 /NavidRayhan/Agenda

- Cloud-hosted Agenda & Calendar app, uses Django User Authentication & Google Calendar API allowing secure data transfer, copying events between CodeLendar and your Google Calendar
- Using **POST/GET** methods to create/update/read events, interviews, exams etc. and display them in Calendar & List View formats

StatFreaks Inc.

Tech Used: Python, Django, Excel, Http, JavaScript, HTML/CSS

 /NavidRayhan/StatFreaks

- Web app displaying NBA Stats and Rankings for the 2000-Present seasons, supports individual player search and random player lookup tools
- Created a **web scraper** of basketball.realGM.com to display major transactions whenever a former NBA Player signs with a non-NBA team using an HTML parser



PROGRAMMING EXPERIENCE

Languages/Markups: Python, C#, Java, SQL, JavaScript, Ruby, R, MATLAB, HTML, CSS, XML, JSON
Frameworks/Libraries: .NET 4.6+, Spring MVC, Nodejs, Django, jQuery, Bootstrap
Tools: Git, REST APIs, HTTP Methods, MS SQL Server, AWS, RabbitMQ, Bash, Windows, Linux, Agile