

# Navid Rayhan

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## SKILLS

**Languages/Markups:** Python, C#, C/C++, SQL, Ruby, JavaScript, R, MATLAB, HTML/CSS, XML

**Frameworks/Libraries:** .NET 4.6+, Nodejs, Django, Ruby on Rails, TensorFlow, jQuery, Bootstrap

**Tools:** Git, REST APIs, HTTP Methods, MS SQL Server, AWS, RabbitMQ, Bash, Windows, Linux, Agile

## EDUCATION

**McMaster Univ.**

2016 - Apr 2021



**B.Sc. Math & Computer Science**

- **Coursework:** Principle of Programming, Data Structures & Algorithms, Linear Algebra II, Statistics for Engineering, Engineering Mathematics I-IV
- **Extra:** McMaster AI, Engineers without Borders, Varsity Basketball

## EXPERIENCE

**Adlib Software**

May 2019 - Present



**Software Developer Intern - Machine Learning**

**Tech Used:** Python, .NET, C#, TensorFlow, SQL Server, Keras, XML, RabbitMQ

- Worked with the AI team in Agile environment to develop and integrate new Features and unit tests for **NLP engines** and other Data Science tools
- Trained a **CNN** to 90% accuracy to **detect signatures** and developed the **pipelines/infrastructure** for integration into Adlib Elevate as a custom feature
- Developed Automation tools and SQL Scripts for regression tests

**Your African Safari**

Aug 2019 - Oct 2019



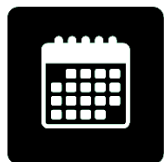
**Full Stack Developer Intern - Remote**

**Tech Used:** Python, Django, JavaScript, jQuery, HTML/CSS, MySQL

- Migration of unmaintained large Perl/PHP tourism website & legacy database to modern **Django/Angular/MongoDB** stack, greatly **improving functionality** and UX
- Remastered the photos section, adding related images & an interactive carousel component

## PERSONAL PROJECTS

**CodeLendar** 



**Tech Used :** Python, Django, REST API, SQL, JavaScript, HTML/CSS, HTTP

- **Cloud-hosted** Agenda & Calendar app, uses **Django User Authentication** and **Google Calendar API** to allow secure real-time data transfer between CodeLendar and your Google Calendar
- Using **POST/GET** methods to add/update events, interviews, exams etc. and display them in Calendar & List View formats
- Fully styled in HTML/CSS for **mobile and tablet friendly formats**, uses **JavaScript** and **jQuery** to enhance visual experience