

Navid Rayhan

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SKILLS

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

Frameworks/Libraries: ASP.NET, Nodejs, Django, TensorFlow, jQuery, Bootstrap

Tools: Git, REST APIs, Agile, TFS, MS SQL Server, AWS, RabbitMQ, Bash, Windows, Linux

EXPERIENCE

Adlib Software

May 2019 - Present



Backend Software Developer Intern - Machine Learning

- Work with the AI team in Agile environment to develop and integrate new features for **NLP engines** and other Data Science tools (C#, Python, XML)
- Development and integration of a **Machine Learning** tool to identify and locate signatures on images of documents (Python, C#, XML, RabbitMQ)
- Developed Automation tools for regression tests (C#, Python, MSSQL, XML)

Your African Safari

Aug 2019 - Present



Full Stack Developer Intern - Remote

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

Ontario Fresh

Oct 2018 - Feb 2019



Data Analyst Intern

- Designed **relational database** to track and analyze shipping information, ultimately **reducing shipping costs** by 12% (MSSQL)
- Created **automated backend data aggregation system** to monitor client activity and demographical data (ORACLE, Python)

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

PERSONAL PROJECTS

StatFreaks Inc.

[Python, Django, REST API, SQL, JavaScript, HTML/CSS, Excel]



- Full stack Django web app using RESTful APIs to display complete historical NBA Stats in a scalable, UX/UI, and mobile friendly format
- Big Data Aggregation System from Excel.csv and legacy databases to optimized Relational Database model created in SQLite and Python