

## CONTACT

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## PROFESSIONAL SKILLS

Python  
Java  
C++  
HTML  
CSS  
Javascript  
Bootstrap  
Angular  
React  
Node JS  
Firebase  
DevOps  
GIT  
Confluence  
Elixir  
Maven  
Spotbugs  
Selenium IDE  
JIRA  
Agile  
Scrum

## PERSONAL SKILLS

Leadership and teamwork skills  
Reliable and professional  
Organized  
Time management  
Team player  
Fast learner  
Motivated

## SOCIAL

<https://www.linkedin.com/in/ali-aftab-muhammad/>



<https://github.com/Renfrew100>



<https://renfrew100.github.io/ali-s-portfolio/>



## EXTRACURRICULARS

Hack the North - Mentor and Hacker  
Hack the 6ix - Hacker  
uOttHack - Hacker  
AbracadabraHacks - Hacker  
CUSEC Conference - Head Delegate  
Software for Love Company - Developer  
uORocketry Club - Developer @ Avionics

# ALI AFTAB

HONOURS BACHELOR OF SCIENCE IN COMPUTER SCIENCE /  
MANAGEMENT AND ENTREPRENEURSHIP OPTION @ UOTTAWA APR 24'

BACHELOR OF APPLIED SCIENCE IN SOFTWARE ENGINEERING /  
MANAGEMENT AND ENTREPRENEURSHIP OPTION @ UOTTAWA (2018-2022)

## ABOUT

CURRENTLY A GRADUATED STUDENT / PURSUING MENG PROGRAM AT WESTERN @ FALL 2024 / FOUNDER AT SPACE FUSION INC.

## WORK EXPERIENCE

CEO / FOUNDER

SPACE FUSION INC. | October 2023 - PRESENT

- Incorporation on a federal level
- Meetings with NASA specialists and research division employees to secure funding such as, BAA grants
- Submitted proposal to various stakeholders for AI in research and development of spacecraft and launch vehicles

SOFTWARE DEVELOPER

JSI TELECOM | MAY 2022 - JUNE 2022

- Team Viking is responsible for creating easy-to-read, aesthetically pleasing report templates that summarize large amounts of data from a variety of sources, and the infrastructure to make it happen. We respond to customers' requests in a timely manner and adapt to changing requirements.
- Technologies: Java, C#, Angular, Jaspersoft, and Kubernetes.
- Skills: C# · Go (Programming Language) · .NET Framework · Java · C++

COMMUNICATIONS ACCESSIBILITY COMPLIANCE

UNIVERSITY OF OTTAWA HUMAN RIGHTS | MAY 2021 - AUG 2021

- Coordinate the update and design of the online exterior campus map with Drupal 7;
- Create accessible online communication materials;
- Correct accessibility errors on the HRO websites and web content, ensure quality control;
- Take part in workshops on the production of accessible website and web content;
- Technologies: HTML, Site Improve Accessibility Checker, AxeDevTools, Colour Contrast Analyzer, Check My Links

JUNIOR DEVELOPER / BUSINESS ANALYST

ROYAL CANADIAN MOUNTED POLICE (RCMP) | OCT 2020 - NOV 2020

- Research: MISP to provide solutions to cyber threats, IOC-Finder
- Created a SQL database to record credential entries and attributes for certain data entries
- Developed a script to parse credentials through regex expressions, accepted raw
- input data and outputted data according to certain data entries needed
- Utilized docker - containerization of apps & deployment for deploying a script of parsing credentials
- Technologies: Microsoft VS Code, Azure DevOps, Azure Pipelines, Python, Flask, SQL, and Docker

CO-OP STUDENT

SHARED SERVICES CANADA (SSC) | JAN 2020 - AUGUST 2020

- Gained extensive active directory knowledge to implement in specified tasks
- Utilized PowerBI, a data visualization tool to not only interpret data, but also to analyze for feedback
- Installing and configuring active directory domain services on windows server 2016 & 2019
- Technologies: Power BI, Microsoft Excel, Microsoft PowerPoint, Microsoft Teams

JUNIOR WEB DEVELOPER

UNIVERSITY OF OTTAWA IT SERVICES | SEPTEMBER 2019 - DECEMBER 2019

- Developed the University of Ottawa's Ventus program for those with SASS (special accommodations for those requiring additional material or with disabilities)
- Technologies: PHP, HTML, CSS, Javascript, Bootstrap, JQuery, NodeJS, etc.

## PROJECTS

Incorporated Space Fusion Inc. - a website related to AI in research and development of spacecraft and launch vehicles, hosted via Heroku (<https://spacefusioninc-3ff97f804c73.herokuapp.com/>)  
Team involvement site at Software for Love to showcase the company in GatsbyJS, hosted via netlify (<https://www.softwareforlove.com/>)  
Developed a hotel booking application in postgresSQL for admin, employers, and users using the application  
Collaborated to create an appointment-booking application at MLH Local Hack Day 2018