

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 AN INCOMING GRADUATING 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