

Alastair Graham

Colborne, ON | alastair.graham91@gmail.com | (289) 691-6737
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SUMMARY

Passionate and driven Software Engineering student committed to learning and professional development. Royal Air Force veteran proficient in taking directions and seeing tasks through to completion, while exercising attention to detail and time management. An exemplary team leader with excellent interpersonal skills and thrives with minimal supervision or as a member of a team.

TECHNICAL SKILLS & CERTIFICATION

Languages:	C#, JavaScript, Python, HTML/CSS, SQL, Java
Operating Systems:	Windows, Linux/Unix
Frameworks & Environments:	.NET, React, Node.js
Development Tools:	Visual Studio Code, Visual Studio, Git, GitHub, Eclipse
Other Tools:	Agile, Jira, MS Office, MS Visio

EDUCATION

Software Engineering Technology (Co-op) – Advanced Diploma	Sep.2024 – Present
Centennial College, Toronto, ON	GPA: 4.36 / 4.5
Aeronautical Engineering – Advanced Apprenticeship	Jun.2010 – Jan.2014
Defence College Of Aeronautical Engineering, DCAE Cosford, England	
Aeronautical Engineering – Advanced Diploma	Jun.2010 – Oct.2013
Defence College Of Aeronautical Engineering, DCAE Cosford, England	

ACADEMIC PROJECTS

Web Design – HTML, CSS & JavaScript

- Develop a JavaScript drag and drop feature allowing users to move images from one place to another.
- Create a fully interactive website for a Web Hosting company using HTML, CSS and JavaScript.

Software Requirements Engineering – Study Buddy App

- Collaborate in a team using Agile practises for the development of an SRS document for the Study Buddy App that aids students with their studying using an AI powered virtual assistant.
- Create UML diagrams, as well as functional and non-functional requirement sections.

.NET Application – C#

- Develop a .NET application using JSON serialization and LINQ to process student attendance files and present them in easy-to-read tables.

Linux/Unix – Server Implementation

- Install and Setup Linux servers.
- Work with a team to enable all the features and functionality of an FTP, Samba, Apache2 and Plex servers.

WORK EXPERIENCE

Petroleum Service Technician – National Energy Equipment	Feb.2021 – Jun.2024
<ul style="list-style-type: none">Installed and configured point-of-sale and back-office IT systems, integrating software with server infrastructure and performing updates and maintenance.Diagnosed hardware/software failures to minimize downtime and improve customer satisfaction.Conducted terminal-based installations using legacy systems (DOS)Mentored junior technicians in technical troubleshooting and project execution.	

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Lead Technician – Urban Cultivator

Mar.2019 – Feb.2021

- Diagnosed and replicated system faults using test rigs, applying analytical thinking to resolve issues efficiently.
- Provided remote technical support to international teams, enhancing global service continuity.
- Collaborated on prototype development and iterative testing for future product lines.
- Liaised with overseas manufacturers to resolve reoccurring product issues.
- Created CAD designs and modification drawings using OnShape, supporting hardware/software integration.
- Authored repair manuals and technical documentation for technician training and support.

Owner – Spartan Bodyshop

Jan.2018 – Jan.2019

- Managed client consultations, providing accurate quotations and technical assessments.
- Oversaw inventory and supply chain logistics to ensure operational efficiency.
- Performed precise and detail critical bodywork preparation and finishing.

Field Service Engineer – STILL Material Handling

Nov.2015 – Nov.2017

- Serviced and repaired diverse material handling systems under time sensitive conditions.
- Delivered remote and on-site technical support to engineers, fostering collaborative problem solving.
- Built strong client relationships through face-to-face consultations and service excellence.

Mechanical Aircraft Technician – Royal Air Force

Apr.2008 – Nov.2015

- Diagnosed and repaired complex mechanical systems including hydraulics, pneumatics and fuel systems.
- Led maintenance teams, delegating tasking and ensuring compliance with operational standards.
- Supported international operations, adapting to ever changing situations in high pressure environments.

ADDITIONAL SKILLS & CERTIFICATION

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| ▪ Measurement Canada Inspector Technician - Measurement Canada | Jul.2022 |
| ▪ NFPA 1001 Firefighter I & II - College of the Rockies | Nov.2021 |
| ▪ NFPA 1071 Hazmat Awareness & Operations - College of the Rockies | Nov.2021 |
| ▪ Confined Space Entry Course - Worksite Safety Centre | Feb.2021 |
| ▪ Fall Protection Awareness - Worksite Safety Centre | Feb.2021 |
| ▪ Transport of Dangerous Goods - Worksite Safety Centre | Feb.2021 |
| ▪ WHMIS - Worksite Safety Centre | Feb.2021 |
| ▪ Driver Safety - Worksite Safety Centre | Feb.2021 |
| ▪ Lock Out and Tag Out Safety - Worksite Safety Centre | Feb.2021 |
| ▪ Petroleum Orientation Safety Training Level 2 - POST | (2021, 2022, 2023 & 2024) |
| ▪ Offshore Sea Survival – Maersk | Aug.2015 |