

Job Posting:167474 - Position: S25 Software Developer Internship - 16 Months 167474B

Co-op Work Term Posted: 2025 - Summer
App Deadline 03/07/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 02/27/2025 03:45 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization NAVBLUE, an Airbus Company
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Summer
** Job Title ** S25 Software Developer Internship - 16 Months 167474B
Position Type Co-op Position
Job Location Waterloo, ON
Country Canada
Duration 16 months
Work Mode Hybrid
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Job Description

*Please note that you must be enrolled in a full-time co-op program to be eligible for this internship.
This internship will start May 2025 and end in August 2026*

Job Summary:

The Software Development intern will join one of our Chapters, such as Frontend, Backend, AI & Machine Learning & Optimization. As a member of a Chapter, they will learn about our company's strategies in that area of software discipline and have an opportunity to contribute to our direction in that domain. They will also be responsible for developing, maintaining and supporting various applications, systems, and tools. The developer assists with coding, testing, and debugging new software or enhancements to existing software to meet product specifications. Assigned projects will vary in complexity. The developer will work with other experienced software developers in the aviation industry - gaining experience on leading edge technology and the aviation sector.

Responsibilities:

- Develop software and/or make changes to existing software
- Follow technical specifications and peer guidance (or equivalent) to complete technical tasks
- Maintain/create documentation for applications, tools, or systems as required
- Communicate project/work status orally, written, or other as required

Required Skills/Experience:

Education:

- In progress - Bachelor of Science in Computer Science, Bachelor of Engineering in Software, or equivalent

Experience:

- Experience with operation, support, and development on Windows, Linux, AWS

Knowledge, Skills, Demonstrated Capabilities & Competencies:

- Must work effectively with others in a team environment
- Comfortable with Object Oriented Programming principles and associated theory (e.g. SOLID, DRY, YAGNI principles)
- Experience with at least one programming language: C++, C#, JS, Typescript, or Python
- Knowledge of, or experience, with frameworks: Boost, .NET, Vue.js, Qt, NUnit, XUnit, Selenium, Cucumber, or Jest
- Ability to distill complex technical ideas into easy to follow documentation.
- Effectively shares ideas with team members in oral and written forms.

Perks:

Located in the heart of University of Waterloo's David Johnston Research + Technology Park, NAVBLUE is close to shops, restaurants, gyms, daycare, and many other amenities, and only 10 minutes away from Hwy 85. The modern design of our suite on the second floor of the Accelerator Centre draws its inspiration from airport terminals, and features bright, open workstations, rather than boxed-in cubicles. As part of our family, you will enjoy:

- Being part of Airbus Network
- Flexible hours
- Hybrid working environment (3 days in office)
- Free parking
- Christmas shut down
- Summer core hours
- Strong work-life balance
- Casual dress code
- Rewards and Recognition program
- Training and Development Support
- Monthly Lunch and Learns
- An active social committee
- Organized Volunteer Events
- Game room, including a flight simulator!
- Lunch hour sporting activities (hockey, soccer, volleyball etc.) with a shower on site
- Active Inclusion & Diversity Committee
- And much more!

Not to mention, the aviation industry's ongoing digital transformation means we must continually innovate and rise to the many challenges faced by our geographically diverse customers. We are always looking for creative ways to improve our processes and technologies to be a leader in the highly competitive aviation market.

About Us:

NAVBLUE, an Airbus Company, is a leading global provider of flight operations solutions, including aeronautical charts, navigation data solutions, flight planning, aircraft performance software (take-off/landing, weight and balance), and crew planning solutions. You'll be able to shape the future of the digital aviation industry by working on several of the best in the industry flagship products enabling pilots, dispatchers, flight engineers and other aviation personnel on a daily basis to deliver safe, efficient, and reliable flight operations all over the world. You'll have the opportunity to support millions of flights each year and help NAVBLUE customers maximize efficiency, reduce costs, ensure compliance with complex national and international safety regulations, and effectively deliver their services.

You'll join a team with a focus on digital and collaborative innovation that is passionate and customer-focused. Over the last few years, Airbus has been supportive of various initiatives such as Going Digital, Performance Based Navigation Services, Air Traffic Management Modernization Programs, FlySmart on iOS and other digital projects related to new aircraft technologies; the launch of NAVBLUE was therefore a natural step to further develop its Flight Operations and Air Traffic Management Portfolio.

NAVBLUE is also proud to have been recognized as one of **Waterloo Area's Top Employers for 2024**. Based on eight criteria: physical workplace, work atmosphere and social, health financial and family benefits, vacation and time off, employee

communication, performance manager, training and skills development and community involvement. It was determined that we offer some of the most progressive and forward-thinking programs within the area. Plus, NAVBLUE was recognized as one of **Canada's Best Employers for Recent Graduates in 2024**. We are excited and grateful for both these recognitions. We realize that it is our employees that have allowed us to succeed and will allow us to continue succeeding.

NAVBLUE is a fully owned subsidiary of Services by Airbus, fueled by the agility of Airbus ProSky and Navtech (acquired in 2016), and the pioneering spirit of Airbus, NAVBLUE was created in July 2016 with one mission: *lead aviation into the digital age*.

NAVBLUE is based in Hersham (UK), Toulouse (France), Waterloo, ON (Canada), Bangkok (Thailand) and Malmö (Sweden), Gdańsk (Poland) with other offices all around the world.

The Future is Yours for the Taking: <https://youtu.be/vdY6gYuceYY>

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link: <https://www.navblue.aero/job-offer/software-developer-internship-16-months/>

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received.

Students should submit their applications as soon as they are ready.