

**Colby Pryor**  
**Makinsons, NL A0A 2X0**  
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**colbypry@gmail.com | linkedin.com/colby-pryor-dev | pryrotech.github.io**

Dear Sir or Madam,

I wish to inquire about obtaining a position as a software developer with your company as it has peaked my interest to become a member of this fantastic employment opportunity for quite a long time. I would appreciate along with enjoy benefitting this position with my personal excellence in hard work, leadership, and technical knowledge to make a positive impact on Avalon Holographics along with the innovations they create.

With having strong leadership roles on board various ships within the Sea Cadet program and technical leadership experience with other technology firms, I can personally help accelerate this company to it's true thriving potential. I have experience with leadership of subordinates, training them to be outstanding individuals in the work environment they are in, the ability to do hard work with ease no matter what the task may be, and the dedication as well as motivation to ensure that any endeavour I partake in is completed with efficiency along with occupational safety being at top priority. I am also a very well spoken individual who has very clear communication skills in English and French, making it easier to interact with individuals in situations where an alternative language is required. When given the chance to work to achieve a goal, I will tackle it with vigour and excellency. I will always work to satisfy my superiors, my colleagues, along with the company as a whole.

If you have any questions or comments regarding my work or this letter, please do not hesitate to contact me at [colbypry@gmail.com](mailto:colbypry@gmail.com) I am very eager to hearing your response. Thank you for taking the time to consider my application.

**Warm Regards,**

A handwritten signature in black ink that reads "Colby Pryor". The signature is fluid and cursive, with the first name "Colby" being more prominent than the last name "Pryor".

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## Highlights

- Skilled leader, communicator, and team player with demonstrable experience.
- A critical thinker that is able to strategize innovative plans to accomplish tasks.
- A mentor that is able to work with teams to improve their productivity.
- Proficiency in front-end as well as back-end software development.
- Focus on robotic systems, computer vision, artificial intelligence, communication protocols, and microcontrollers.

## Educational Experience

- **Computer Programming & Software Engineering**  
Algonquin College (2020-present)
  - Currently in first semester of the program, completing courses in Java, data structures and algorithms, databases, and technical mathematics. .
- **Computer Science**  
Memorial University of Newfoundland (2019-2020)
  - Completed first year computer science programs in Python, data structures and algorithms, Boolean logic and theory, computer architecture, as well as French language courses.
  - A former member of the Seahawks Cross-Country Team.
  - A Software Engineer with Eastern Edge Robotics, specializing in computer vision systems for underwater robotics.
- **High School Diploma with Baccalaureate Status**  
Ascension Collegiate (2017-2019)
  - Received Baccalaureate status upon completing high-school diploma for school involvement with robotics, community involvement, and academics.
  - Participated in clubs such as Underwater Robotics, Skills Canada, Model Boat Race, and Cross Country. Winning awards on an institutional and provincial level.

## Work Experience

**Boatswain- HMCS Cabot (Naval Reservist):** Currently undergoing military training to be a Boatswain and Port Inspection Diver alongside my position at Airntell Aerospace. Received “Top Shot” during Basic Military Qualification.

**Head of Software- Airntell Aerospace:** Lead a team of software developers in implementing innovative algorithms for automated drone technologies, to aid in Search & Rescue operations.

**Software Engineer- Eastern Edge Robotics:** Implemented computer vision algorithms to detect and stitch colored images together for an underwater robotic system.

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**Boatswain & Cadet Engineer- HMCS Acadia:** Conducted shipboard duties and maintained radar, sonar, and mechanical systems on small fishing vessels. Instructed cadets on shipboard procedure and operations during my service as a Sea Cadet.

## Technical Experience & Certifications

- Proficient in Python, C++, Java, HTML/CSS, Go, and SQL.
- Experience with database(s) MySQL, and the InnoDB engine.
- Experience with OpenCV, TensorFlow, SciPy, NumPy, Jupyter Notebook, and various other packages and frameworks.
- Familiar with VMWare, VNC, and various other virtualization programs.
- IT troubleshooting and networking skills, office software skills, as well as electronics assembly and troubleshooting skills.
- Certifications: Standard First Aid, WHMIS 2015, OH&S, Defensive Driving.
- Proficient in both English and French.

## Project Experience

- **AudioID:** During the COVID-19 pandemic, implemented a voice recognition system that utilizes secure numeric keys to authenticate users. AudioID is an open-source, Internet-free application that allows users to access controlled areas traditionally requiring a physical device (i.e. RFID card), without contact.
- **Airtell Interface:** Airtell Companion GUI (team): Made an user friendly interface for the successful deployment of Airtell aerial systems using Python, JavaScript and C++.
- **Blinking Light Decoder:** Using Arduino and C++, created a device that decodes blinking lights from naval vessels into English or Morse Code.
- **ROSIE Control & Propulsion:** Created and implemented software to control an underwater robotic system with Arduino and C++, mentored other students in the proper usage of the IDE along with C++ concepts

References available upon request