

SUCCESS STORY



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Andromeda Medical Imaging Inc. is a research and value-based company that seeks to deliver novel medical imaging methods for use in stroke diagnosis and treatment. This year, we made significant strides in our research, hitting new milestones for accuracy and performance. As a result, Andromeda Medical Imaging Inc. was poised to grow and needed expertise on biotechnologies and marketing to do so. We also needed a programmer and data scientist to take the algorithm we had been developing and validating in an academic setting, and experiment with deploying it in a production setting for potential consumer use. University of Calgary students Manvir Gill and Gavin Lau were the perfect fit for the respective roles.

As an early-stage start-up, being able to leverage the talents and knowledge of students and pay them a competitive salary is vital. Canada has a notably low rate of conversion from academic projects to commercial companies, and therefore demonstrating the wealth of opportunities available

is vital for getting students and new graduates excited about the health-tech space. The Work Integrated Learning (WIL) program allowed us to do exactly that. We hope to continue to partner with BioAlberta to bring skilled workers from diverse backgrounds into the health economy where they can make a meaningful impact.

We asked our interns, Manvir and Gavin, to share their thoughts about their experience with us this summer, and here is what they had to say:

Manvir Gill

“Hello, I am Manvir Gill, I am currently in my Master of Biotechnology Program at the University of Calgary. I applied to the position of Product Development and Marketing Officer at Andromeda Medical Imaging Inc. because I wanted more hands-on experience in the industry about the marketing concepts I



Andromeda interns Manvir Gill (L) and Gavin Lau (R)

had been learning in the classroom. I was drawn to the company's innovative approach to medical imaging for stroke.

During my time with Andromeda Medical Imaging Inc. I have been working on securing funding for the company's projects. My responsibilities were identifying potential sources of funding, preparing grant applications, and preparing pitching material.

What truly inspires me about my work at Andromeda Medical Imaging Inc. is the potential to make a significant impact on healthcare. Our technology has the power to revolutionize the way medical professionals diagnose and treat patients, especially those with acute conditions like strokes. Knowing that our efforts can improve patient outcomes and save lives is incredibly motivating.

I aspire to continue working on ground-breaking innovations that have a positive impact on patients' lives. As I move forward in my career, I'm excited to explore new opportunities for collaboration and growth in the dynamic field of biotechnology."

Gavin Lau

"This summer, I had the pleasure of being a researcher and developer at Andromeda Medical Imaging Inc. This was an incredible opportunity for me to combine my background in neuroscience and medicine, with the data science and programming skills I learned through the Master of Data Science and Analytics program at the University of Calgary.

I spent the bulk of my internship deploying the company website and integrating an online demonstration of the Simple Perfusion Reconstruction Algorithm (SPIRAL™), Andromeda Medical Imaging Inc.'s proprietary image analysis algorithm. I also had the opportunity to explore the entrepreneurial side of the company. I helped write content for funding applications, spoke with other health-tech start-up founders, and attended a conference on behalf of Andromeda Medical Imaging Inc. These were all opportunities that I relished and would not have found at any other SME.

One thing that I thought was incredibly special about the role was the flexibility to explore and try things. I know that this would not have been possible without the support of WIL funding. This allowed me to focus more on experimentation and research compared to only software development, and as a result, I was able to learn many new techniques that I have integrated into the product. Being able to contribute to a project that has the potential to improve so many lives is a rewarding and encouraging experience."

WIL VOUCHER

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