

# SUCCESS STORY



[www.bioalberta.com](http://www.bioalberta.com)

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## About FUEL

FUEL Innovation Design & Manufacturing (FUEL) brings a depth of multidisciplinary experience to the life sciences table. They solve challenging engineering problems with a holistic go-to-market view, taking projects from a napkin sketch all the way to cost-effective commercial development.

Students not only bring fresh perspectives and enthusiasm to FUEL, they also support ties between post-secondary institutions and industry – these connections are becoming increasingly important as the life sciences industry faces potential worker shortages through 2030. FUEL also highlights the importance of WIL funding and continuing to hire student interns: interns bring a significant increase to FUEL's work capacity, an increased ability to complete projects, and a healthy contribution to a positive work environment.

University of Calgary Biomedical Engineering student Tyler Santos pursued an internship with FUEL because of his interest in design, especially as it relates to the medical field. Here's what he had to say about his experience with FUEL Innovation:

## Tyler Santos, Fifth Year Biomedical Engineering Intern

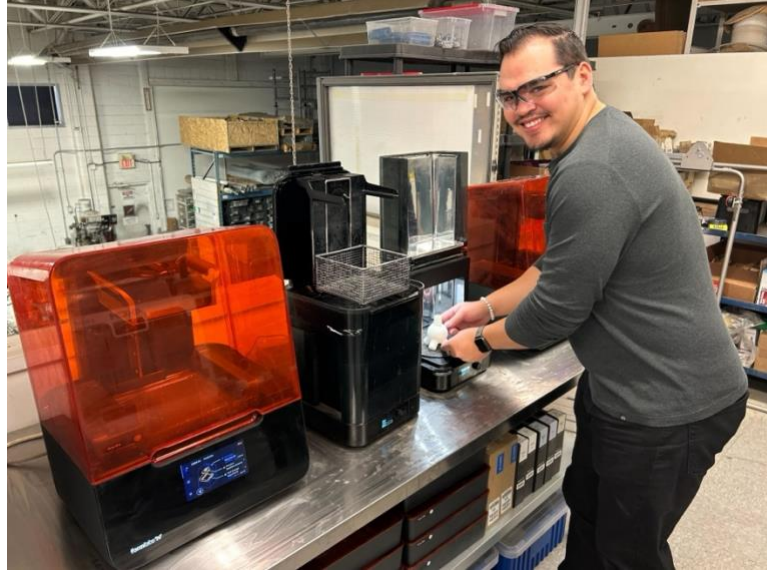
“While looking at internships, FUEL really attracted me as a place I wanted to get into due to the diversity of the work that they take on and the various ideas from the clients they get to work with. The design, fabrication, and prototyping work they do was the type of engineering work that I had the most interest in. During my time at FUEL, I have taken part in various projects. I have primarily been able to take on design roles with CAD software to model and create some ideas and had the chance to use fabrication methods such as 3D printers and workshop. Due to the nature of FUEL's work, I have also been able to work directly with clients.

FUEL has reinforced my aspirations for my engineering career: I want to work on designing and helping to create new ideas with lots of interest on the medical side. Being able to see and participate in the process of an idea becoming a usable product has been exciting. Whether it

was a fresh idea or a prototype that was being improved to be used as a commercial/testing device, it has all been exciting and inspiring to see and take part in the project developments. I hope to continue this type of work when my internship has finished and I have graduated from my program.

I have to thank the WIL funding for helping me to take part in this opportunity. If it were not for this funding I may have not been in the position I am now nor have had the work experience I did. With the help of WIL funding, FUEL was able to provide me with a full-time internship before I go back for the final year of my Biomedical Engineering degree.

I hope to utilize the many learning experiences and tools that I have learned from my work experience here.”



*Tyler Santos at work in the FUEL Innovation facilities*

# WIL VOUCHER

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