HUMBER
Faculty of Applied Sciences & Technology

FAST TIMES
JUNE 2024

Dear Colleagues,

As we approach the culmination of another academic year, it's time for the Humber College community to come together and celebrate the incredible achievements of our students at the upcoming June 21st convocation ceremony.

Convocation is not just a ceremony; it's a moment of pride, a reflection of our collective dedication to nurturing and guiding students toward success. It is a time to reflect on the impact you have had as educators and mentors, and to reaffirm our dedication to shaping the future generation and the importance of our shared commitment to their growth and development.

This issue celebrates our students' growth and development at the Skills Ontario and Skills Canada Competitions where 13 FAST students were awarded 11 medals at the Ontario Competition Closing Ceremony and three students won gold and silver at the Skills Canada National Competition in Quebec City!

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We have many more compelling stories that I look forward to you discovering in this issue including captured moments at the 2nd Annual AWS DeepRacer Competition and the Advanced Manufacturing & ICT Career Fair.

Many of you will soon start your summer vacation while others will continue to deliver curriculum for our students. May this summer award all of you with warm sunny days and quality time with your loved ones, and I look forward to seeing you at our FAST Welcome Back Meeting in August!

With gratitude,

Paul Griffin
Senior Dean

FAST *TIMES*

JUNE 2024

FAST SHINES AT SKILLS ONTARIO

The Toronto Congress Centre was full of energy May 6-8 as Skills Ontario hosted the Career Exploration Showcase and Skills Ontario Competition!

Humber College was front and centre engaging with elementary and secondary students at the Career Exploration Showcase where our team hosted several engaging activations to showcase our many skilled trades programs.

Simultaneously, more than 40 Humber College students participated in the Skills Ontario Competition and 13 FAST students were awarded medals at the Ontario Competition Closing Ceremony!

GOLD

· Taylor Chamberlain, Landscape Design
· Grant Maddock and Cole Hunter, Mechatronics
· Liam Johnson and Dylan Ferreira, Horticulture and Landscape
· Justin Paglia, Electronics
· Adrian Prescot, Cabinetmaking

SILVER

· Owen Chapman, Arborist
· Burak Istikam, Additive Manufacturing
· Mayte Vancini Berra, Landscape Design
· Hanson Wang, Electronics

BRONZE

· Shreya Kachariya, Architectural Technology and Design
· Martin Overgaauw, Arborist

Humber students have a long history of success at Skills and their hard work and dedication along with the support of their coaches has allowed them to continue to excel at the provincial, national and international competitions throughout the years.

Congratulations to all competitors!

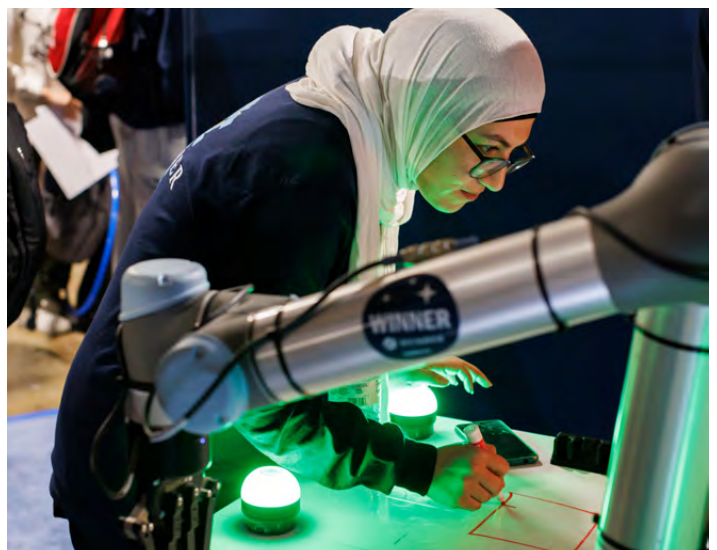Read more in this Humber Today feature story.

FAST TIMES

JUNE 2024

FAST PLANTS & PLUNGES WITH STUDENTS AT THE SKILLS ONTARIO SHOWCASE

The excitement was palpable at the Toronto Congress Centre at the Skills Ontario Showcase!

Thousands of high school students visited the Humber College booth to explore a career in the skilled trades and our booth proved to be quite popular!
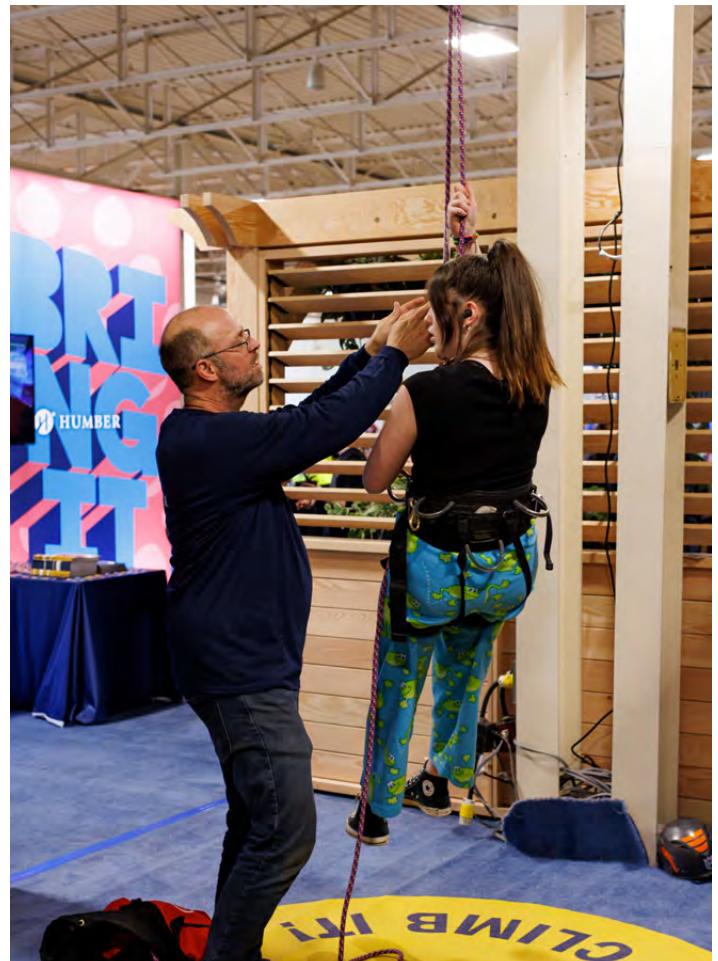
FAST collaborated with the Faculty of Media, Creative Arts and Design, Longo's Faculty of Business and Humber Government Relations, Marketing and Communications to design a brand-new booth that highlighted the innovation of various programs.

This included building hula hoops using plastic piping, the climbing apparatus arborists use to access trees, and potting plants guests could take home.

Humber students, faculty and recruitment staff were also at the booth to answer questions and talk about our programs. This was truly a collaborative Team Humber effort!

Read more in this Humber Today feature story.
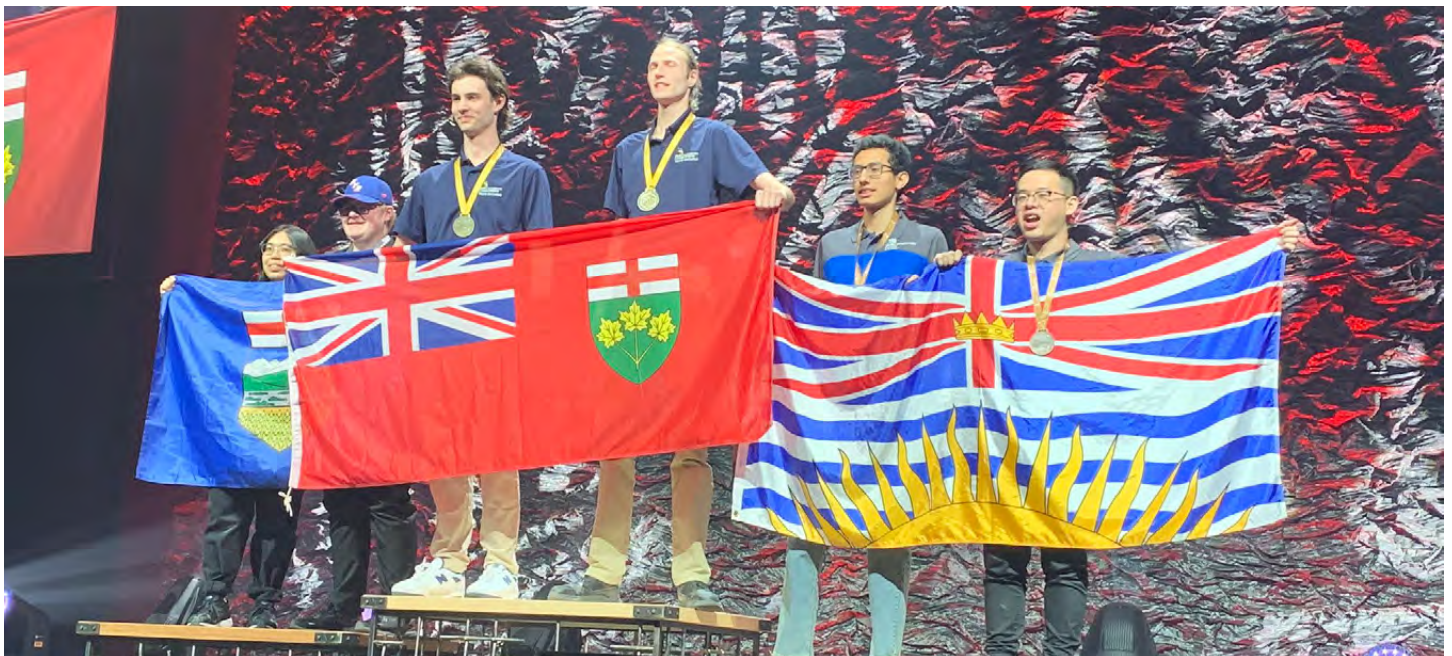
FAST TIMES

FAST STUDENTS BRING HOME SILVER AND GOLD FROM SKILLS CANADA

Our Humber FAST students had an impressive showing at the Skills Canada National Competition in Quebec City!

Cole Hunter & Grant Maddock won GOLD in the Mechatronics contest and Justin Paglia won SILVER in the Electronics contest.

It is an incredible honour to represent Team Ontario and participate in this annual event. Six Humber College students proudly represented Team Ontario at the Skills Canada National Competition and we applaud all their efforts!

Sincere gratitude to all the coaches, educators, staff, mentors, and faculty who helped and supported our students this year.

FAST TIMES

JUNE 2024

AWS SPEEDS INTO HUMBER COLLEGE TO HOST DEEPRACER COMPETITION

Get your motor running!

On April 24, we hosted the second annual Humber AWS DeepRacer Competition, the world's fully autonomous racing league with a 1/18th scale race car driven by machine learning (ML) algorithm.

Humber College's partnership with AWS (Amazon Web Services) provides an opportunity to integrate curriculum in a fun, learning environment for our Humber FAST students where they can apply their critical thinking & advanced machine learning skills.

Congratulations to all members of the Humber AWS DeepRacer Students Club and the winning teams!

Much appreciation goes to Dr. Mihai Albu, the faculty advisor for the club, who mentored and coached the teams.

HOME SWEET HUMBER

CELEBRATING AND SHOWCASING LIFE AT NORTH CAMPUS AND CARRIER DRIVE!

AI IN ARCHITECTURE AND INTERIOR DESIGN EVENT

ADVANCED MANUFACTURING & ICT CAREER FAIR

Share your life on campus images in the next FAST News issue! Please submit to Jennifer Buchalter: jennifer.buchalter@humber.ca

FAST CERTIFICATIONS

FAST hosts several certification preparation classes to assist our students to secure designated certifications.

RedHat Certified Systems Administrator (RHCSA) certification preparation classes for Computer Systems Technician students was initially started by Prof. Benann Thiruthuvanathan in Fall of 2016 and in Fall 2022 it was extended to Cloud Computing students. On average, about 15 students enroll each semester and at least 3-5 students pass the certification each semester.

The performance-based, closed book and proctored Red Hat Certified System Administrator (RHCSA) exam (EX200) is widely recognized in industry as it tests students' knowledge in areas of system administration common across a wide range of environments and deployment scenarios in RedHat Enterprise Linux. The skills tested in this exam are the foundation for system administration across all Red Hat products.

Humber's partnership with RedHat Academy provides free access to RHCSA course resources and a 50% discount in RHCSA exam fees. To help and motivate students, when they pass the RHCSA certification, 25% of the exam fees are reimbursed by FAST.

Congratulations to the following students who passed the exam!

Hossain, Mohammed Amin A.

Moray, Aditya Pravin

Kaur, Amandeep

Veliz Guevara, Joel Jhosue

Sitlani, Sumit

Good luck to the following students who are preparing for the exam!

Johal, Arman Kaur

Parthasarathy, Bharath

Dahuja, Ruchika Soni

Macom, Vishal

Nyamdorj, Munkhzul

BARRETT CENTRE FOR TECHNOLOGY INNOVATION

SUMMER STEAM CAMP & AI IN MANUFACTURING: EXPLORE INNOVATION!

BCTI's STEAM Summer Camps are here!

Join us for an exciting journey of exploration and innovation starting July 15th, 2024. Dive into the dynamic worlds of Science, Technology, Engineering, Arts, and Mathematics (STEAM) with engaging, hands-on activities for all ages. Unlock your potential, make new friends, and gain valuable skills for the future. Hurry, spots are limited—secure yours today!

Mark your calendars for our inaugural Consortium Summit: "AI in Manufacturing: The New Era," on October 3rd, 2024 at the BCTI. Experience industry leaders showcasing groundbreaking AI projects that are revolutionizing manufacturing. Explore AI solutions in our innovation labs, connect with top AI experts, and glimpse the future of the industry. Don't miss this opportunity to stay ahead—register now!

FAST *TIMES*

JUNE 2024

FAST LEARNERS

STUDENT SPOTLIGHT

Name:
Sadra & Kasra Moghisi

Program of Study:
Computer System Technician & IT Infrastructure

Current Year:
Graduating Year

Title of Project:
Live Data Visualizer

Tell us about your project?

This project aimed to facilitate the demonstration of survey data for the Faculty of Health Sciences & Wellness. The data from surveys are automatically collected and stored in a database sheet; then with Microsoft PowerBi we made a live connection to the database and designed a dashboard to display meaningful data with superior presentation that faculty could analyze and improve the experience of clients and use the at-glance dashboard for their scheduled meetings. The initiative was to transform raw and ambiguous data into something with purpose and meaning.

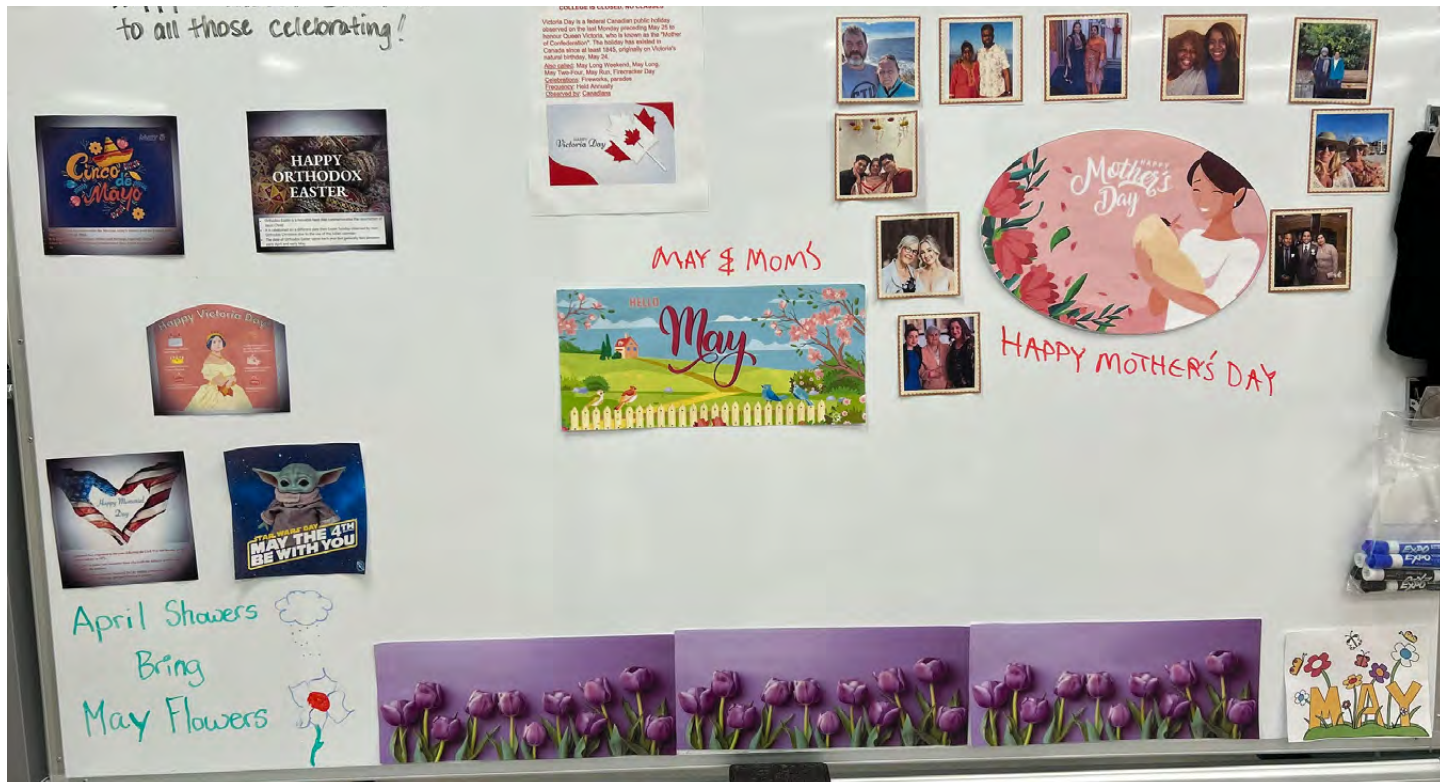### What were some of the most important things you learned?

During this journey, we learned a combination of soft and technical skills which lead us towards self-improvement and the success of the project. At the beginning, data visualization and front-end design was a brand-new topic to us. We learned how to use different data visualizers to convert raw data into manageable graphs in a user-friendly and easy to understand environment. Time management, attention to detail and presentation skills were also some of the notable soft skills that we improved in order to deliver the project on time and flawless. With that said, out of all the skills that we developed during this journey, we realized that presentation is definitely a crucial skill. No matter how good the project is, a weak presentation and introduction are enough to prevent the work and effort to not stand out.

What advice would you give to other students interested in your program?

Doesn't matter what the project is about or how good you are at it, just start, and figure the things out later. Everyone has enough time to figure out if the work their doing is for them or not. Time management is important by slicing the project into different phases and setting deadlines for each phase. There are some decent tools out there that can be helpful. Use G chart and improve your presentation skills as much as you can.

FAST TIMES

JUNE 2024

UPCOMING EVENTS

JUNE 21
10AM & 3PM
Convocation
Toronto Congress Centre

JUNE 24-30
Summer Reading Week
Campus is open

JUNE 28
Employee Appreciation Day
Campus is closed

JULY 1
Canada Day
Campus is closed

AUGUST 5
Civic Holiday
Campus is closed

AUGUST 26 – AUGUST 30
Orientation Week
Welcome Back FAST Faculty
Meeting
Cluster Meetings

AUGUST 29
President's Breakfast

SEPTEMBER 2
Labour Day
Campus is closed

WE WANT TO HEAR FROM YOU!

FAST TIMES recognizes and celebrates the achievements of our faculty and students. To share your successes with us, please submit stories and images to the Office of the Senior Dean, Julie Pasquin: julie.pasquin@humber.ca

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