



# ***FAST TIMES***

OCTOBER 2023

Dear Colleagues,

October welcomes a golden landscape of colour as we adjust to new routines and settle into the Fall Academic Term. I have received such a warm welcome since joining the FAST community and I am truly grateful to be surrounded by such thoughtful and compassionate colleagues. I am reminded of this every day as I interact with students who appreciate the time that our faculty take to personally support our students. This continues to be a differentiator at Humber College.

In FAST, everyone belongs. This is central to who we are as a Faculty. We are guided by Humber's commitment to equity, diversity and inclusion and Indigenous ways of being, knowing and doing. This is even more important in FAST as we are creating the next generation of technical

leaders and thinkers. It is this approach that ensures that we are leaders who will develop technology that is mindful of all peoples that it impacts.

In the coming year, we will be forced to think increasingly about artificial intelligence (AI) and how it integrates into the classroom both at a faculty and at a student level. Increasingly, AI will become commonplace in the workplace, whether it's software / hardware design, development, programming or cybersecurity.

[\*Continue reading on next page.\*](#)

**WE ARE**  
**FUTURE FOCUSED**

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Not only will it affect the work that we do, but it will also impact the work that others do and Humber FAST is at the leading edge of advancements in this field. In this issue, we shine a spotlight on our forward-thinking members including, Professor Baha Uddin Kazi, who has co-authored a book on the role machine intelligence plays in digital marketing, and Professor Debashish Roy, who recently published several journal articles on the role of machine learning on the Internet of Things (IoT). This is only a snapshot of what our FAST community are doing in AI.

We have many more compelling stories that I look forward to you discovering in this issue including a spotlight on the 10 FAST students who are the inaugural recipients of scholarships through the Schulich Builders: Scholarships for Skilled Trades program.

As our green landscape changes to become a wash of red, orange and yellow, I invite you to take the time to explore nature's palette as it begins to transform throughout the Arboretum and embrace all the wonders that fall, and our forward-thinking Faculty has to offer.

Warm regards,



Francis Syms, P. Eng.  
Associate Dean

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## EVERY CHILD MATTERS

To recognize National Day for Truth and Reconciliation on September 30th, originally and still colloquially known as Orange Shirt Day, the Humber FAST community came together to listen, reflect and remember.

Lakeshore Campus was flooded in orange shirts to spread awareness of the Residential School System with a 1.5 km Walk for Reconciliation and FAST members wore the symbolic shirt throughout the week leading up to the commemorative day.

Together, we strive to build cultural understanding and create a path toward a renewed relationship between Indigenous Peoples and Canadians through transformative learning about truth and reconciliation.

We hear you. Every Child Matters.



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## HUMBER FAST STUDENTS RECEIVE SCHULICH FOUNDATION SCHOLARSHIPS

Ten Faculty of Applied Sciences & Technology students are the inaugural recipients of scholarships through the Schulich Builders: Scholarships for Skilled Trades program.

Recognizing a decline in the number of skilled workers in Canada, particularly tradespeople, Schulich Builders Scholarships are Canada's largest skilled trade scholarship program and address the worker shortage by amplifying the importance and value of pursuing a career in the skilled trades through financial and leadership support.

In our effort to ensure that we are continuously engaging with recipients of the Schulich Builders scholarship throughout their education journey, we hosted an intimate meet and greet event at the Centre for Skilled Trades & Technology to bring together the student recipients along with their families for an opportunity to meet one another, their faculty and build a sense of community.

The Humber community celebrated 10 deserving Humber students who were awarded scholarships to cover tuition, tools and living expenses. Five scholarships at \$20,000 each were awarded to students enrolled in a one-year certificate program, and five scholarships valued at \$40,000 each are directed for students in two-year diploma programs.

Congratulations to the following inaugural recipients and welcome to Humber College!

Learn more in [Humber Today](#)



**Nicolas Coombs**

Electrical Techniques,  
Ontario College Certificate



**Anthony Sorbara**

Electrical Techniques,  
Ontario College Certificate



**Matteo Macaro**

Plumbing Techniques,  
Ontario College Certificate



**Oshane Tucker**

Plumbing Techniques,  
Ontario College Certificate



**Mitchell Phan**

Plumbing Techniques,  
Ontario College Certificate



**Sophia Talik**

Carpentry and Renovation  
Technician Diploma



**Miranda Isaacs**

Carpentry and Renovation  
Technician Diploma



**Leon Tworek**

Heating, Refrigeration & Air Conditioning  
Technician Diploma



**Luke Schmidt**

Industrial Woodworking  
Technician Diploma



**Adam Mongelluzzo**

Heating, Refrigeration & Air Conditioning  
Technician Diploma

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## THE ENGINEERING CONFERENCE

The Ontario Society of Professional Engineers (OSPE) is hosting The Engineering Conference – Canada’s largest engineering, diversity and recruitment event.

The one-day conference on Thursday, November 2 at the Metro Toronto Convention Centre will bring engineers together with industry, academia and government to present and discuss the latest opportunities, challenges and innovations in engineering, and what must be done in Ontario and Canada to remain competitive.

Humber FAST is hosting a trade booth to engage with attendees and invites Humber staff & faculty to attend the conference to:

- Network with colleagues while learning about the innovative engineering work taking place in Ontario
- Participate in interactive presentations by professional engineers and subject matter experts on important issues facing the profession, with opportunities to provide input
- Interact with OSPE staff and affinity partners to take advantage of all OSPE member benefits

We have a limited number of complimentary Conference passes. If you would like to attend, please contact [Navpreet.Kaur@humber.ca](mailto:Navpreet.Kaur@humber.ca)

For more information about the Conference, please visit [www.engineeringconference.ca](http://www.engineeringconference.ca).



## FAST CONTEST – NAME OUR NEW ROBOT

FAST is now home to a new robot!

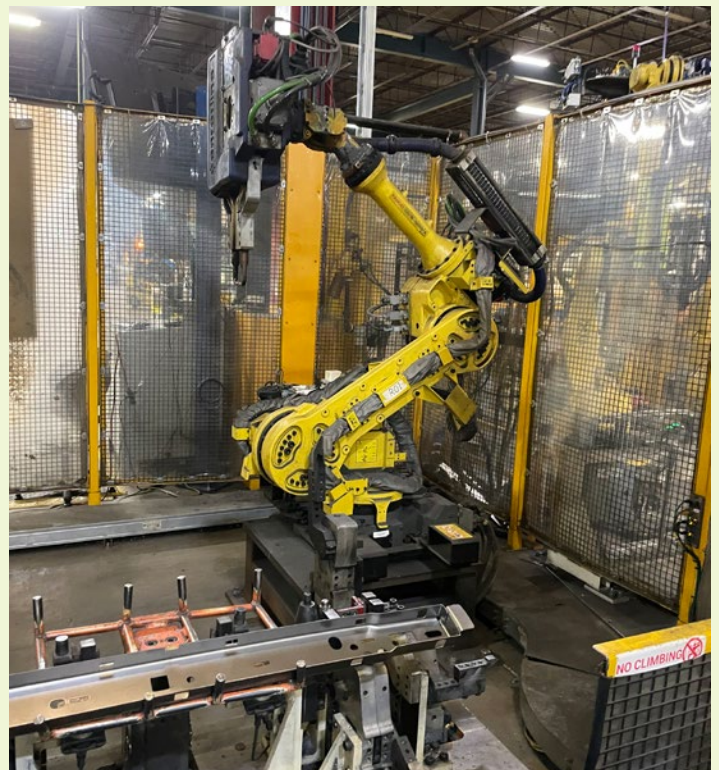
Used to support a training program conducted for Magna International around Rapid Robotic Spot Welding, the robot will also be incorporated into other FAST post-secondary programs.

Robotic Welding is becoming the industry standard in large scale Advanced Manufacturing and Humber has made an investment to ensure the training is in step with our industry partners.

We need your help! This new addition to the Humber FAST Family needs a name!

Please click on the link below and pick a name for the robot or enter a new one! One person who selects the winning name will be randomly drawn to win a Tim Hortons gift card. Deadline to enter is October 21st, 12:00 pm EDT.

<https://forms.gle/BTqyK1hpeBb8kSK8>



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## CALL FOR TECH CAPSTONE PROJECTS

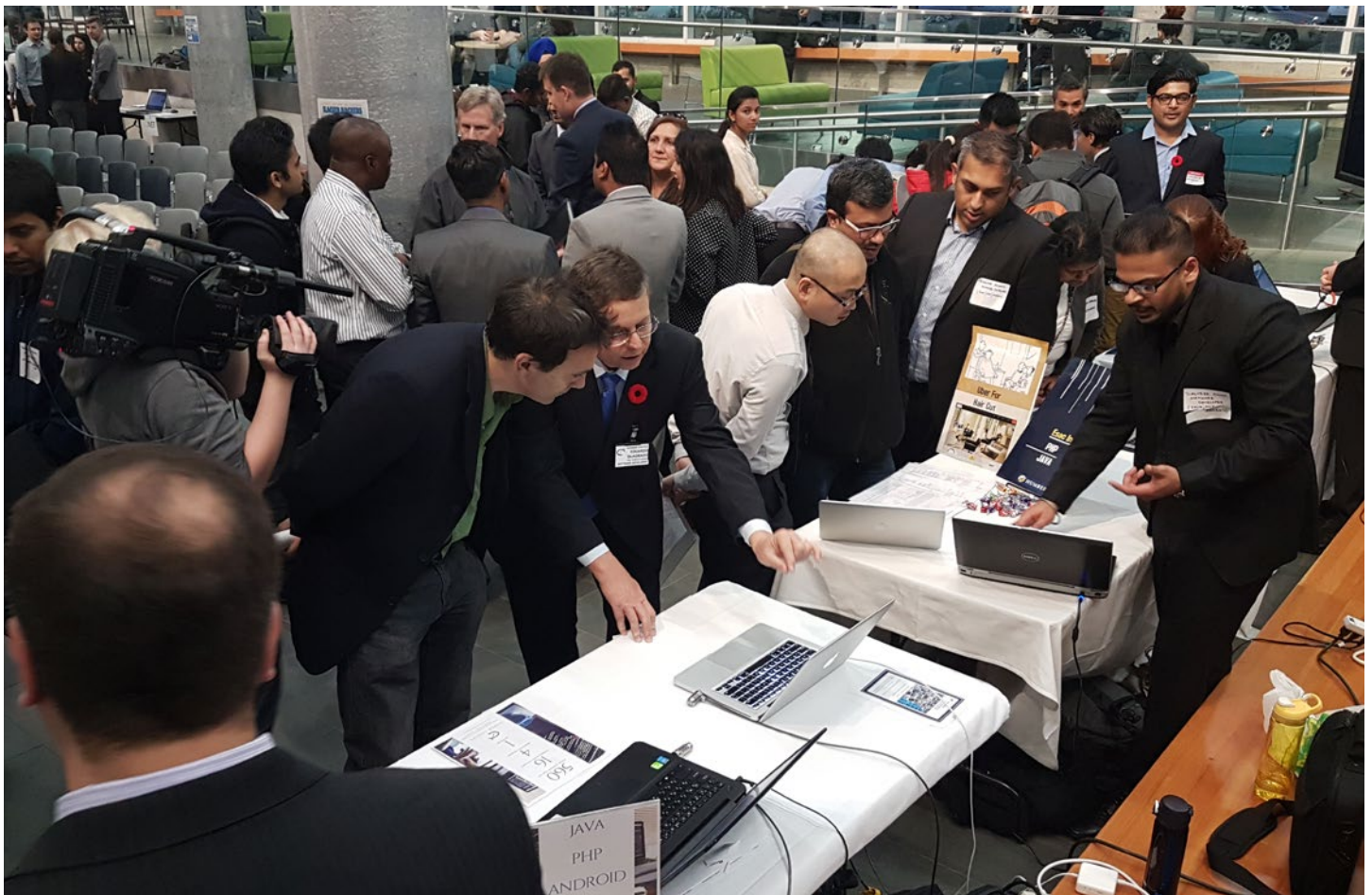
**WEDNESDAY, OCTOBER 25**  
**BARRETT CTI 5TH FLOOR**  
**4:00 – 7:00 PM**

Mark your calendar for this exceptional event, where innovation meets education, and together, we shape the Tech Talent of tomorrow.

In their final year, our Information Technology Solutions and Enterprise Software Development students tackle real-world challenges through 14-week long Capstone Projects. These projects showcase their skills and knowledge gained throughout their education, offering practical solutions to industry problems.

Stay tuned for further details on how you can become a Capstone Sponsor at our Call for Capstone Event. Let's collaborate to drive innovation, foster talent, and inspire a new generation of problem solvers.

Visit this [link](#) for more information.





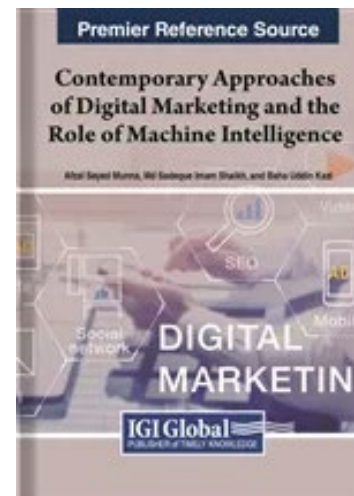
## FAST FACULTY

### FAST PROFESSOR CO-AUTHORS “CONTEMPORARY APPROACHES OF DIGITAL MARKETING AND THE ROLE OF MACHINE INTELLIGENCE”

Congratulations to ICT Professor Baha Uddin Kazi, who has co-authored **Contemporary Approaches of Digital Marketing and the Role of Machine Intelligence** to demonstrate relevant theories of digital marketing along with tools, techniques, methods, and strategies.

The book also identifies the research gaps for effective digital marketing tools, techniques, and methods and builds a bridge between digital marketing strategies and business plans for organizations. Covering topics such as digital marketing, metaverse, and visitor experience, this premier reference source is an essential resource for business leaders and managers, marketers, IT managers, data analysts, social media analysts, students and educators of higher education, researchers, and academicians.

Visit this [link](#) for more information.



### FAST PROFESSOR PUBLISHES PAPER ON MACHINE-LEARNING FRAMEWORK

Congratulations to Professor Debashish Roy, Ph.D. for his published paper “A Machine-Learning Framework for Supporting Content Recommendation via User Feedback Data and Content Profiles in Content Management Systems.”

Matrix Factorization (MF) which is a Collaborative Filtering (CF) based model, is widely used in Recommendation Systems (RS). In this research, the paper addresses a specific recommendation problem of recommending content to users in a Content Management System (CMS) utilizing users' feedback data.

Visit this [link](#) for more information.



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## FAST LEARNERS

### WILL STUDENT SUCCESS SPOTLIGHT

#### What did you do during your placement?

During my work placement at Toro Aluminum in Summer 2023, I contributed to several projects. I worked on as-built drawings which are a set of drawings including elevations, floor plans, details, and general notes. I went through all these drawings and cross referenced the project specification reports and glazing reports, making sure that all the drawings matched what had been built. I even got to work on reviewing Architects Supplemental Instruction (ASI) and Request for Information (RFI) documents for ongoing projects which might include changing, adding or revising a window elevation. I also had the pleasure to create section details and plan details for current projects.

#### What were some of the most valuable things you learned during your WIL experience?


My time at Toro Aluminum was an amazing experience and I was able to learn many things. I gained a lot more knowledge of AutoCad. The people surrounding me showed me many new tips, tricks and shortcuts to using the software which allowed me to increase my proficiency and skills. I was grateful to work with a great group of people who helped me grow my knowledge and I learned from them that asking for help is not a bad thing, it only helps you grow. I learned how to communicate in a real-life professional environment by phone and email.

#### What advice would you give to students who are thinking about participating in work placement or co-op?

Advice I would give to students who are thinking about participating in work placement is that you should not be discouraged if you are not getting the call backs or responses you hoped for. Also try to keep an open mind! You might find the best position for you in an unexpected place.

#### What advice would you give to students pursuing a career in technology?

If you are pursuing a career in technology, some advice I would give is try to expand your search. Try looking at different positions and not just technologist positions. There are so many people that are involved in the process of projects and during my work placement, I learned about so many different positions.



**NAME:**  
Abrar Ahmad

**PROGRAM OF STUDY:**  
Architectural Technology, Work Placement

**WORK PLACEMENT:**  
Toro Aluminum



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## FAST LEARNERS

### WILL STUDENT SUCCESS SPOTLIGHT

#### What did you do during your placement?

During my placement at SVEDAS Architects Inc. in Summer 2023, my main tasks were to help work on drawings for educational institutions that the company was designing and preparing for submission. I helped modify site and floor plans, make changes based on feedback from the School Boards, create door/window/room schedules, do flooring tile plans as well as reflected ceiling plans, and interior elevations. In addition to that, I also prepared documents such as site plan application comments, Geotech and soil reports, building permits, and deficiency lists.

#### What were some of the most valuable things you learned during your WIL experience?

Some important things I learned during my experience would be collaboration skills. In a workplace you need to work alongside multiple different people and you will need to be able to communicate properly so the work gets done efficiently. I also learned how to stay organized - this is a must when working on various projects at the same time.

#### What advice would you give to students participating in co-op or work placement?

Co-op is a great way to break into the industry and learn by doing. I highly recommend trying to do work placement as that will better your chances of getting a job down the line and you will learn a lot of new information. Additionally, building connections is something that will help you out through your entire career, so try to network and meet people in your field as well as related fields. Lastly, be confident in your skills and abilities, and be willing to ask questions and expand your knowledge on topics you don't know much on.

#### What advice would you give to students pursuing a career in technology?

Technology is a great field, but there is a lot of competition. My advice is to continuously seek knowledge, even outside of school. Something I would emphasize is getting certifications that will help you stand out from the mix and lots of companies will look for that on your resume. It is also important to get some experience in your field. Any experience is an asset.



**NAME:**  
Rida Naseer

**PROGRAM OF STUDY:**  
Architectural Technology, Work Placement

**WORK PLACEMENT:**  
SVEDAS Architects Inc.

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## HOME SWEET HUMBER

SKILLED TRADES CAREER FAIR



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## HOME SWEET HUMBER

CARRIER DRIVE OPENS ITS DOORS FOR DEWALT TO HOST THEIR EMPLOYEE TRAINING SEMINARS



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

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## WELCOME TO FAST

Congratulations to Raji Subramanian who is taking on a new role in FAST as **Program Coordinator of Electronics Engineering**. Raji is a dedicated full-time faculty member with more than 14 years of combined full-time and part-time teaching experience. She holds a Master's Degree in Electrical Engineering from Arizona State University and has more than 5 years of industry experience as an Electronics R&D engineer.

In addition to her academic and professional achievements, Raji is an active member of IEEE and serves as a mentor for Young Women's Initiatives and Skills Ontario, showcasing her commitment to fostering the growth of future talents. Additionally, she is member of the Sustainability Faculty Champions at Humber College.

Please join us in extending a warm congratulations to Raji!

## FAST CELEBRATIONS

While the Humber community embarked on a new Fall Academic Term, two Humber colleagues embarked in a union of marriage!

Piranes Rajeswaran, PSO, FAST CPL & Juley Ponrajah, Career & Student Success Advisor, who met at Humber College, celebrated their wedding in September. Juley paid tribute to their Humber courtship in her bridal henna (see if you can spot it!).

Congratulations Piranes and Juley! We wish you everlasting health, happiness, laughter & love.



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## FAST MILESTONES

Congratulations to the following FAST members who are celebrating a Career Milestone in October! We truly appreciate your contributions to the Humber FAST community and congratulate you on reaching this important milestone!

**1 year** Tiana Gregory

**5 years** Melanie Katovich

## UPCOMING EVENTS

### OCTOBER 9

Thanksgiving  
Campus is closed.

### OCTOBER 18 - 19

Ontario College Fair  
Enercare Centre

### OCTOBER 25

Call for Tech Capstone  
Projects  
Barrett CTI 5th Floor  
4 - 7 PM

### NOVEMBER 2

FAST Convocation  
Toronto Congress Centre  
3 PM

### OCTOBER 11

ICT Career Fair

### OCTOBER 23-27

Fall Reading Week  
No classes. Campus  
is open.



## 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](mailto:julie.pasquin@humber.ca)

 [@HumberAppTech](https://twitter.com/HumberAppTech)

 [@HumberAppTech](https://www.instagram.com/HumberAppTech)

 [@HumberAppliedTechnology](https://www.facebook.com/HumberAppliedTechnology)

 [@HumberAppTech](https://www.linkedin.com/company/HumberAppTech)