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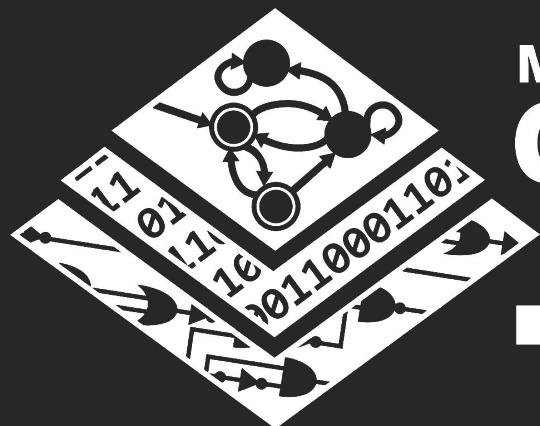


Schlumberger



Our Partners

Hack Frost NL ≡



MEMORIAL UNIVERSITY
**COMPUTER
SCIENCE**
SOCIETY



30+ teams

2nd round: 9 teams

3 winners

3rd Box Bot Place

Team B.A.D

Brendan Booth

Dipayan Dhar

Yicheng Zhan

Clean
Mile

2nd
Place

Daniel Brown's Team

Daniel Brown

Lewis Fearon

Mohammed Shahwan

Hirthik Bhojwani

Solaris

1st
Place

Viridis

Moustafa El-sisy

Kyle Shal

Jake Head

Bahareh Hashemibeni

Angie Antolinez

SHOUT OUT TO OUR JUDGES

**Marlayne Hardy****Director, Innovation Programs (techNL)**

A results-oriented and driven leader, Marlayne has contributed to the success of a diverse cross-section of organizations in the private, government, and not-for-profit sectors. As a certified Strategic Communication Management Professional (SCMP), she brings both experience and recognized expertise to organizational leadership, strategic marketing communications, community relations, and program management. She embraces new challenges, adapts quickly to changing circumstances, and is passionate about diversity, equity, and inclusion. Marlayne loves the ocean and is grateful to live in Newfoundland and Labrador.

**Leigh Janes****Senior Project Coordinator – Wood Robotics Project (Wood Canada)**

I have always had an interest in computers! Through my 30-year career in the Information Technology field, I have enjoyed many roles! My early experience in programming helped me along the way! I started my IT career in 1990 graduating from the Newfoundland Career Academy as a Micro-Computer Specialist. My first programming experience was working as DB III plus database programmer with the Association of Registered Nurses of Newfoundland (ARNN) in St. John's, where I had to share one computer with a co-worker! Over the years though various IT roles I have had experience with batch files and some PowerShell scripting. However, my focus was more on architecting server and storage systems - performing installations, configuration, and administration.

**Daniel Grillo****Software Developer (Verafin)**

Hi, Im Daniel! I work as a software developer for Verafin. I graduated from Memorial University in Computer Science and Business and am a Hack Frost Alumni! I am very passionate about data-driven solutions and martial arts.

**Joel Lake****Software Developer (enaimco)**

Hey there! I'm a software developer with a passion for web development. For just over a year now, I've had the pleasure of working at enaimco, an exciting startup in the oil and energy industry.

SHOUT OUT TO OUR JUDGES

**Ed Martin****Director (Memorial Centre for Entrepreneurship)**

Ed currently serves as the Director of the Memorial Centre for Entrepreneurship (MCE) at Memorial University. MCE seeks to inspire and enable existing and aspiring student entrepreneurs at Memorial University. Prior to his role at MCE, Ed was the CEO of Clockwork Fox Studios, an edtech startup that developed Zorbit's Math Adventure, a digital learning platform that is used by hundreds of thousands of teachers and students across North America. In 2021, Ed led Clockwork Fox's successful acquisition by Carnegie Learning. Ed was also the President of Best Boy Entertainment, where he produced multiple kids' and documentary series, as well as the award-winning film Closet Monster.

**Lesley Chard****VP, Design and UX (Carnegie Learning)**

I manage, design, and build products for the web. I'm passionate about making the technology sector more diverse and leveraging technology to create positive impact. Using design methodologies, I believe we can build human capacity and allow for more time spent where it matters most.

**Liam Flanagan****Program Manager, Ready Talent (techNL)**

Liam Flanagan has been a committed supporter of Newfoundland and Labrador's tech sector since 2015. Currently, he leads the Ready Talent team at techNL, connecting job seekers and tech employers with resources, opportunities, and education in our province. In 2022, the Ready Talent team helped more than 20 job seekers find careers in tech and hopes to improve that number in 2023. Liam's experience supporting early-stage start-ups while leading Genesis' Evolution Program and rapidly growing scale-ups while working with Invest Ottawa

**Clark Oake****Software Development Team Lead (PolyUnity) & Coach (GetCoding)**

Clark has always been fascinated by technology and its potential to shape the future. After working as an Engineering Technologist in the Oil and Gas industry for several years, he decided to pursue his passion for technology by transitioning into Web Development with a MedTech company. In his new role, Clark discovered a new passion for helping people realize their potential to shape the future through technology. He believes that everyone has the ability to make a difference and

SHOUT OUT TO OUR JUDGES

**Chris Hardy****Director of Product Management (C-CORE)**

I am a life long learner with a focus on new business ideas and technology. As for my history I have extensive experience in the Silicon Valley North information tech sector for companies like Nortel and Avaya as well as being a founder of start-up Cortex Networks. Throughout my career I have been very fortunate to have senior leadership roles within emerging products and technologies relating to data, IT, Communications, cloud based collaboration products, machine learning, and geospatial analytics.

**Andy Fisher****Interim Director (Bounce Health Innovation)**

I'm an experienced engineering professional who has worked with tech start-ups as well as in higher education and manufacturing. I've had the opportunity to develop skills in strategic management, product management, innovation, data analysis and project planning. I'm an advocate for "lean" approaches to everything from product development, to manufacturing and product testing. I love challenges and I love to make sure that we're working on the issues that really matter to our end-users.

**Daniel McCarthy****Product Designer - Engineering Student (PolyUnity)**

I am in my last year of mechanical engineering at Memorial, with a focus on biomedical engineering. I have a huge interest in additive manufacturing, healthcare, and technology, and how they interact with each other. At PolyUnity, I have developed medical simulation models for teaching procedures, designed various novel products, as well as created replacement parts to help supply staff with the parts they need to avoid supply chain issues.

**Heather Conway****Director, People & Resource Evolution (K&D Pratt Group Inc.)**

I believe people are THE resource that drives organizational success. For over two decades, I have translated that belief into action, leading human resource teams who deliver meaningful HR and employee relations programs to deliver desired organizational outcomes. My approach starts with understanding how the business operates (and let's be honest, how it really works is not necessarily as described in the company manual). I then engage leaders and team members at

SHOUT OUT TO OUR JUDGES

**Steph McIntyre**

Instructional Assistant (Memorial University of Newfoundland)

Steph McIntyre sat at their computer, staring blankly at the screen. They had been asked to provide a bio for Hackfrost 2023, but they were struggling to come up with anything interesting to say. As a Full-time Instructional Assistant and Per-Course Instructor in the Computer Science department at Memorial University, Steph was used to explaining complex ideas to their students, but when it came to writing about themselves, they were at a loss.

**Steve French**

Founder (Infomatix)

My unique ability is to lead teams with complex problems, quickly spot the relevant patterns and issues, then identify breakthrough strategies and innovative solutions. I have worked in tech for over 30 years and have been a serial entrepreneur since I was a kid. Infomatix is celebrating 20 years of success: we've helped countless entrepreneurs across the country double their business in three years or less and make them profitable from day one. We provide clarity on people, processes, technology and profitability. Our team is also part of the original

SHOUT OUT TO OUR JUDGES

**Angela Gill****Product Manager (Genoa Design International)**

Angela Gill has a long career in the product space including local and international experience in medical device, high-tech manufacturing, information technology and primary industries. As a Product Manager at a leading 3D modelling company, Angela is known for her expertise in technology development, translating customer requirements, process improvement, and scaling of operations. With an engineering degree from Memorial University, she is passionate about leading and driving solutions within the tech sector.

**Rahaf HajAhmad****Special Projects Lead (techNL)**

Rahaf HajAhmad is very passionate about everything that has to do with the tech ecosystem here in our province. In her current role as Special Projects Lead with techNL, Rahaf manages the techNL Student Membership Hub. Through that she aspires to support post-secondary students in finding a future in tech. She also spends part of her time managing the events and marketing team at Bounce Health innovation, and working with exciting medtech startups. Rahaf has also taken on several different roles with the Hack Frost team, working on bridging the gap between education and industry for students. She looks forward to judging in this hackathon and seeing all the different ideas that will come out of it!

**Navid Esfahani****Assistant Professor (Memorial University of Newfoundland)**

I have recently completed my PhD in computer science with the Cryptography, Security, and Privacy (CrySP) research lab at the university of Waterloo in Waterloo, Canada. My research under the supervision of Professor Stinson was focused on the applications of particular combinatorial and algebraic structures, i.e., All-or-Nothing Transforms (AONTs), in designing information-theoretically secure schemes for efficient and secure file dispersal on distributed storage systems.

SHOUT OUT TO OUR MENTORS

**Al Tolentino**

Founder (InQ Dev) & Security Consultant (ThirdBridge Consulting)

Al recently moved to St. John's from Sydney, Australia. He has been in the tech industry for over 20 years in senior leadership roles such as Lead Developer, Engineering Management and CTO. He specializes in rescuing stalled projects and building high performance teams. Currently Al is a Security Consultant for ThirdBridge Consulting in the UK and a founder of InQ Dev, a startup that builds MVP's for pre-revenue startups.

**Aneesh Raghupathy**

CEO and Co-Founder (SmartBin)

Aneesh is the founder and CEO of Smartbin, a technology company focused on providing smart waste management solutions. He is passionate about using technology to create a more sustainable future and has a background in computer science and engineering. Aneesh is driven by his desire to create innovative solutions that help reduce waste and improve efficiency in waste management processes.

**Aidan Moores**

Success Manager, Pre-Incubation (Genesis)

Experienced start-up ecosystem supporter and facilitator with a demonstrated history of success. Adaptable problem solver, professional approach with a wealth of technical skills.

**Mike Bannister**

Director of Digital Government (Government of NL)

Mike is currently the Director of Digital Government for the Government of NL and is passionate about fostering digital innovation in our province. Having won local and national hackathons in healthcare, Mike loves helping teams shape their ideas and helping them refine their pitches. With over 20 years experience in data and information management, Mike also loves bringing data to life - especially metadata.

SHOUT OUT TO OUR MENTORS

**Mitchell Hynes**

Software Engineer (JungleScout, prev. Colab, Siftmed)

Software Engineer with 5 years of experience, Coach, 2x Hackathon Winner.

**Niraj Shukla**

Director (Springboard Atlantic)

**Josh Taylor**

Founder and CEO (TxtSquad)

Our Team



Madison Emshey
President



Paulina Alhassan
Logistic Lead



Rahaf Hajahmad
Operations Lead



Parsa Esmkhani
Sponsorship Lead



James Yacim
Marketing

Our Team



Hamideh Mehri
Operations



Umama Rahman
Operations



Laith
Operations



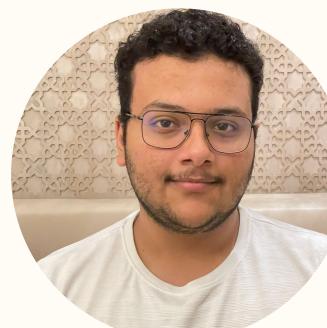
Girish Verma
Operations



Erfan Tajalli
Sponsorship



Mahek Parmar
Logistics



Mohammed Balfaqih
Website Developer



Rishi Gandhi
Logistics



Emad Salim
Logistics

Our Advisors



Genadi
Operations



Daniel Grillo
Advisor



Kamal Ali
Advisor



Youssef Ali
Advisor



Matthew Emshey
Advisor

Future Team



Operations



Logistics



Sponsorship



**THANK YOU
SEE YOU AT HACK FROST 4.0**