**International**

**The first computer programmer**

When Ada was 12 years old, she wanted to fly. She approached the problem methodically, examining birds and investigating various materials that could serve as wings—feathers, paper, silk

In 1843, Ada published a translation from the French of an article on the Analytical Engine by an Italian engineer, Luigi Menabrea, to which Ada added extensive notes of her own.

She wrote the notes that included the first published description of a stepwise sequence of operations for solving a certain mathematical problem.

She has been recognized as the first programmer on 2009 October 15th. This highlight the often overlooked contributions of women to math and science

<http://www.computerhistory.org/babbage/adalovelace/>

<https://www.brainpickings.org/2015/06/15/the-thrilling-adventures-of-lovelace-and-babbage-sydney-padua/>

**The first female invented Wi-Fi and Bluetooth**

Hedy Lamar

Hedy Lamar was born in 1941 as Eva Maria Kesler, she was a famous actress and appeared in a lot of movies. She married Fritz Mendel, a weapon dealer who hosted parties for Hitler and Mussolini.

She moved to Paris to run away from her unhappy marriage and continued her career in acting. She was successes in Hollywood too. However, she wanted to work on science and contributed something during world war 2.

Hedy and her friend, George Antheil developed a radio guidance system for allies to control missiles without the Nazi jamming the signal. It works by changing the radio frequencies continually, so it couldn’t be interfered before reaching the aiming point.

The invention was important latter in the development of Wi-Fi and Bluetooth.

She honored the Electric Frontier Foundation Pioneer Award in 1997.

<https://www.youtube.com/watch?v=Z0gu2QhV1dc>

<https://www.youtube.com/watch?v=6_HxDIbuvA0&frags=wn>

**The first woman to earn a Ph.D. in Computer Science**

Sister Mary Kenneth Keller

Sister Mary born in Ohio in 1914, She entered the Sisters of Charity in 1932 and professed her vows in 1940.

She went to DePaul University, where she received a B.S. in Mathematics and an M.S. in Mathematics and Physics.

In 1965, She received her Ph.D. in Computer Science from University of Wisconsin.

Her thesis, "Inductive Inference on Computer Generated Patterns." written in CDC FORTRAN 63. In 1965, She became the first American female to obtain a Ph.D. in Computer Science.

She founded the computer science department at Clarke College in Iowa, which she directed for 20 years. She was passionate about providing access and information to everyone, not just computer scientists but made students smarter and learned to think on their own.

<http://mentalfloss.com/article/53178/first-woman-earn-phd-computer-science-was-nun>

**Invented modern concept of software & land man on the moon**

Margaret Hamilton

She grew up in the Midwest Indiana Ohio Michigan Upper Penninsula, USA. In 1958, she received her undergraduate degree in mathematics and then worked as a programmer at MIT.

She was the first programmer hired by NASA and then worked on MIT’s Apollo project, a project landing a man on the moon to beat the Soviet Union in 1965.

She brought her daughter to her workplace. Her daughter selected pre-launch program during flight mode testing. She added code to the Apollo flight Software to account for human error. It was the biggest contribution to the Apollo 11 in 1969 while a crew member set a switch in the wrong position and sending the software overload. The software could handle it and the astronauts were successfully landed on the moon.

She was awarded the NASA Exceptional Space Act Award for her scientific and technical contributions. President Obama has chosen her as a recipient of the Presidential Medal of Freedom

<https://www.youtube.com/watch?v=kTn56jJW4zY&t=12s>

**Women in Video Game**

Joyce Weisbecker, Carol Shaw, and Janese Swanson

In 1976 after graduating high school Joyce designed a simple quiz game as a contract employee at The RCA Studio where her father worked. However, her work was unrevealed because RCA's console would be eclipsed by Atari's VCS and Magnavox's Odyssey, making it a massive failure for RCA's home entertainment division.

Two years later in 1978, Carol Shaw, the first female game designer at Atari, designed the unreleased Polo game and 3-D Tic-Tac-Toe. Later Carol joined Activision, where she programmed her best-known game, River Raid.

In the late 1980s, Janese Swanson co-developed the first of the Carmen Sandiego educational games.

In 1995, She also founded the company Girl Tech, a company that created toys explicitly aimed at girls.

<https://www.fastcodesign.com/90147592/rediscovering-historys-lost-first-female-video-game-designer>

<http://www.gameinformer.com/b/news/archive/2017/10/30/discover-the-lost-history-behind-the-first-female-game-designer.aspx>

<https://en.wikipedia.org/wiki/Carol_Shaw>

<https://en.wikipedia.org/wiki/Janese_Swanson>

**The Youngest Web Designer and CEO**

Sreelakshmi Suresh

<http://kalamfanclub.com/sreelakshmi-suresh-a-web-designer-and-a-ceo-at-the-age-of-6/>

CC: By Sreelakshmi (Own work) [CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0)], via Wikimedia Commons

<https://commons.wikimedia.org/wiki/File%3ASreelakshmi_Suresh.JPG>

<http://kalamfanclub.com/sreelakshmi-suresh-a-web-designer-and-a-ceo-at-the-age-of-6/>

<https://commons.wikimedia.org/wiki/File:Sreelakshmi_suresh.jpg#globalusage>

<http://www.sreekutty.com>

<https://www.edesign.co.in>

She was born in 1998 in Kozhikode (Calicut), India. When she was 3 years old, she used to draw pictures using MS Paint program in Computer. By the age of 8, she was entrusted with the work of developing a website for her school.

The Association of American Webmasters honored her by giving their membership along with their highest award for excellence in web designing, the Gold Web Award. She also received the National Child Award for Exceptional Achievement 2008, the highest honor in India for Children instituted by Government of India.

Sreelakshmi started her web designing company eDesign Technologies. At the age of 11, she has already designed and developed more than 100 websites for various institutions and organizations including Bar Council of Kerala, Angels International, EHP India and Mammas Passion.

Her first venture is TinyLogo, a logo based search engine. She also started another firm, Online Pixel Traders.

**The Youngest and The Oldest App Developer**

Masako Wakamiya

All content source: Source: https://www.trtworld.com/life/masako-wakamiya-one-of-the-worlds-oldest-iphone-app-developers-417489

Slide 1

She created her first app at the age of 81 years after only starting to use computers at 60

Pic: 8\_Ma\_1.jpg

CC:

Source:

Slide 2

She asked software developer to create more apps for elders but no one was interested

Pic: 8\_Ma\_2.jpg

CC: Stella

Source: https://www.boredpanda.com/81-year-old-japanese-woman-learned-programming-from-scratch-and-just-launched-her-first-game/

Slide 3

She decided to teach herself the basic of coding and developed “Hinadan” app.

'Hinadan' was inspired by the Hina Matsuri, a Japanese doll festival

CC: By alainkun, flickr user opencontent [CC BY 2.0 (http://creativecommons.org/licenses/by/2.0)], via Wikimedia Commons

Source: <https://commons.wikimedia.org/wiki/File:Hina_matsuri_display2.jpg>

She was the oldest Apple's annual Worldwide Developers Conference attendance and

inspired other seniors to embrace technology and never stop learning

Source: <http://www.refinery29.com/2017/06/157857/masako-wakamiya-wwdc-oldest-app-developer>

Pic: Pic: 8\_Ma\_4.jpg

CC: by TEDxICU

http://picssr.com/tags/tedxicu2016/interesting/page17

Anvitha Vijay

<http://www.smh.com.au/technology/technology-news/apple-wwdc-meet-the-nineyearold-australian-coding-whiz-20160614-gpij0y.html>

<http://www.smh.com.au/technology/technology-news/apple-wwdc-meet-the-nineyearold-australian-coding-whiz-20160614-gpij0y.html>

Anvitha is a grade 4 student from Mount View Primary School in Melbourne who invited

invited to Apple's annual Worldwide Developer Conference in 2016 as the youngest app developer.

Pic: 8\_An\_1.jpg

CC: India TV Tech Desk

Source: http://www.indiatvnews.com/business/india-meet-anvitha-vijay-the-youngest-developer-at-apple-s-wwdc-2016-334240

She prototyped her app in Photoshop before using the design app Sketch to nail the interface. Once she was happy with how the app looked, she began coding in Xcode, Apple's iOS development environment.

Pic: 8\_An\_2.jpg

CC: David Nield

Source: https://fieldguide.gizmodo.com/18-quick-photoshop-tips-for-beginners-1770054733

Vijay began coding at the age of 7 after watching tutorials on Youtube.

Her first app is Smartkins, Smartkins Rainbow Colours is designed to help young kids learn about colours.

Pic: 8\_An\_3.jpg

CC: Lawrence Pinder

Source: https://www.dailytelegraph.com.au/lifestyle/aotd/high-praise-for-nineyearold-melbourne-girl-from-apple-ceo-tim-cook/news-story/b9148e9cc3a5bdbc2a41b0c623370c46?nk=dbb84fab55063b4b1caeb5de330851a0-1517200766

**National**

**Canada First Woman Computer Scientist**

Beatrice Helen Worsley

Beatrice completed her undergraduate studies in mathematics and physics at the University of Toronto’s Trinity College in 1944 and soon afterward enlisted in the Women’s Royal Canadian Naval Service. She served as a harbor defense researcher at the Naval Research Establishment at Her Majesty’s Canadian Ship Establishment Stradacona, in Halifax, NS.

She studied her master in mathematics At MIT. At MIT, She received exposure to new computer technology through her coursework and research. With a shortage of jobs in computing in Canada, she was later able to negotiate a position as a project assistant at University of Toronto’s newly established Computation Centre for a purported salary of $200 per month.

She built a differential analyzer, an early mechanical analog computer that could solve equations using Meccano parts and worked on IBM punch calculator together with fellow project and supervisors

She visited the Mathematical Laboratory at the University of Cambridge to learn about an early computer called the Electronic Delay Storage Automatic Calculator (EDSAC). She considered as the first female to complete a Ph.D. in computer science in 1952.

<https://www.utoronto.ca/news/honouring-canadas-first-female-computer-scientist-u-ts-trixie-worsley>

<https://en.wikipedia.org/wiki/Beatrice_Worsley>

**The First Place Dissertation Award**

Xiaoyuan Tu

Yu completed a Master's degree in Computer Engineering and Electronic at MacMaster University in 1991.

In 1994 she received the Technical Excellence Award from the Canadian Academy of Multimedia and Arts.

In 1996, She received Ph.D. in Computer Science from University of Toronto.

She received the prestigious ACM Doctoral Dissertation Award for her Ph.D. dissertation "Artificial Animals for Computer Animation: Biomechanics, Locomotion, Perception, and Behavior". She is the first and currently only women to be awarded the first-place.

Her research interests are in the modeling, control, and simulation of life-like, intelligent virtual characters. Her study spans the areas of autonomous agent architecture design, physics and biomechanics-based modeling, machine learning, computer graphics animation and artificial life.

She is also a co-founder and lead scientist at AiLive Inc. (formerly iKuni Inc.), a Silicon Valley-based start-up company focusing on AI effects for computer entertainment.

<http://www.dgp.toronto.edu/~tu/>

<https://es.wikipedia.org/wiki/Tu_Xiaoyuan>

**The World’s 50 Greatest Leaders**

**Maria Margaret Klawe**

Klawe studied at the University of Alberta, dropped out to travel the world, and returned to earn her B.Sc. in 1973. She stayed at Alberta for her graduate studies, and in 1977 she received her Ph.D. there in mathematics.

She did her a second Ph.D., in computer science, at the University of Toronto. She worked at IBM's Almaden Research Center in San Jose, California, first as a research scientist, and as manager of the Discrete Mathematics Group and manager of the Mathematics and Related Computer Science Department.

She served as the president of ACM from 2002-2004. She was also the winner of the 2014 Woman of Vision ABIE Award for Leadership from the Anita Borg Institute. In 2015 she was acknowledged with the Lifetime Achievement Award from the Canadian Association of Computer Science and the American Association of University Women. She was awarded by the Computing Research Association’s 2016 Distinguished Service Award.

She is the first Mudd College's female president. When she arrived at Mudd College's, only about 30% of students and faculty were female. Today about 45% of the students and over 40% of the faculty are female.

<https://www.hmc.edu/about-hmc/president-klawe/biography-of-president-maria-klawe/>

<https://graduation.ubc.ca/event/honorary-degrees/2010-honorary-degree-recipients/maria-klawe/>

<https://en.wikipedia.org/wiki/Maria_Klawe>

**Her Excellency The Right Honorable**

Julie Payette

Julie completed a Bachelor of Engineering degree in electrical engineering in 1986 from McGill University. She continued a Master of Applied Science degree in computer engineering at the University of Toronto in 1990. Her thesis focused on computational linguistics, a field of artificial intelligence.

She worked as a systems engineer for IBM Canada's Science Engineering division and was involved in a high-performance computer architecture project and worked as a teaching assistant.

In 1991, She joined the Communications and science department of the IBM Zurich Research Laboratory in Switzerland. In 1992, she joined the Speech Research Group of Bell-Northern Research in Montreal where she was responsible for a project in telephone speech comprehension using computer voice recognition.

From 1992 to 2013, She worked as an astronaut and flew two missions in space. She served as a technical advisor for the Mobile Servicing System, an advanced robotics system and Canada's contribution to the International Space Station. In 1993, She built the Human-Computer Interaction Group at the Canadian Astronaut Program and worked as a technical specialist on the NATO International Research Study Group on speech processing.

Julie was announced on July 13, 2017, as Prime Minister Justin Trudeau's recommendation to be the 29th Governor General of Canada.

<http://www.heroines.ca/people/payette.html>

<https://en.wikipedia.org/wiki/Julie_Payette>

<https://www.gg.ca/document.aspx?id=16943>

**Fellow of the Royal Society of Canada**

Anna Condon

Ann received her Bachelor’s degree in 1982 from University College Cork, Ireland, and her Ph.D. in 1987 at the University of Washington. Her research interests are in biomolecular computation and computational prediction of RNA and DNA structure and folding pathways, with applications to design of novel structures and to gene synthesis.

She served on the Computing Research Association board from 1994-2007 and was Co-Chair from 2000-2003. She led the Distributed Mentor Project (now known as DREU) from 1996-1999. Anne has also served as ACM’s Canadian Ambassador. She held the NSERC/General Motors Canada Chair for Women in Science and Engineering (2004-2009).

In 2010, she and won the A. Nico Habermann Award of the Computing Research Association for "long-standing and impactful service toward the goal of increasing the participation of women in computer science research." and in 2012, Engineering Diamond Award for Distinguished Achievement in Academia from University of Washington. In 2014, She was a winner of the Grace Hopper Celebration of Women in Computing Technical Leadership ABIE Award.

She is the head of the faculty of computer science at the University of British Columbia, researching theoretical computer science, and working on several other programming and mathematical projects.

<https://cra.org/cra-w/anne-condon-wins-the-technical-leadership-abie-award/>

<https://www.techrepublic.com/article/anne-condon-computer-scientist-passionate-academic-triathlete/>

<https://en.wikipedia.org/wiki/Anne_Condon>

**Fellow of the Royal Society of Canada**

Gail C. Murphy

Gail received a B.Sc. from the University of Alberta in 1987 and a M.S. in 1994 and a Ph.D. in 1996 in computer science at the University of Washington.

Her study interests are in software engineering with a particular interest in improving the productivity of knowledge workers, including software developers. She also develops tools to aid in the evolution of large software systems and performs empirical studies to better understand how developers work and how software is developed.

She won the ACM Distinguished Member in 2010. In 2015, she was Named Fellow of the Royal Society of Canada.

She was also International Conference on Software Engineering Most Influential Paper Award (10 years after publication) (co-authored with John Anvik and Lyndon Hiew)in 2016.

In 2016, she was named Associate Vice President Research pro tem and assumed the role of Vice-President, Research and Innovation on August 14, 2017. She is also co-founder and Chief Scientist at Tasktop Technologies.

<https://uwaterloo.ca/computer-science/events/dls-gail-murphy-human-centric-software-development-tools>

<https://blogs.ubc.ca/gailcmurphy/>

**Fellow of the Royal Society of Canada**

Karen Reid

She completed an Associate of the Royal Conservatory of Toronto (ARCT) diploma in piano performance from the Royal Conservatory of Music, and a BChMus from CMBC (now CMU) in Winnipeg.

Karen received her B.Sc. and M.Sc. in Computer Science from the University of Saskatchewan. After a few years working on a Ph.D. at the University of Toronto, She joined the Department of Computer Science in 2001 and served as Associate Chair for Undergraduate Studies from 2011-2013.

She is working on Undergraduate Capstone Open Source Projects, a program that makes students from many different Universities to work on Open Source projects. She is also developing a web application for the submission and grading of student programming assignment.

She received Computer Science Student Union Award for teaching excellence in Computer Science in 2003, 2006, 2011, 2012.

She also awarded Joan E. Foley Quality of Student Experience 2011 and the President's Teaching 2012.In 2014, she won OCUFA (Ontario Confederation of University Faculty Associations) Teaching Award

<http://www.cs.toronto.edu/~reid/>

**One of the best developer in Canada**

Amy Xiao

Amy is an undergraduate student in Mathematics and Physics at the University of Toronto.

She has held software development positions with Nano Magnetics, Kijiji, Borealis AI, Amazon Web Services, and research developer at RBC Research. Currently, she works at the University of Toronto, Rotman School of Management as a Lab Development Specialist, BMO Financial Group Finance Research and Trading Lab.

Canadian Business magazine recognized Amy Xiao as one of Canada’s Developer 30 Under 30. She is considered one of the fastest coders in the country.

She wants to start an entrepreneurial program in some local communities in Nigeria or Kenya by pairing high-achieving students at local schools with an entrepreneur or business mentor in the community and work together to solve a problem.

<http://www.borealisai.com/2017/07/06/get-to-know-our-team-amy-xiao/>

**World Expert in Satellite Navigation Tools Research**

Elizabeth cannon

Elizabeth earned B.Sc. in mathematics and Computer Science from Acadia University in 1982 and in geomatics engineering from the University of Calgary in 1984. In 1991, She received her Ph.D. in geomatics engineering.

Her research has been at the forefront of Global Positioning Systems (GPS) since 1984 in both industrial and academic environments, and she has commercialized technology to over 200 agencies worldwide. Her researches include aircraft positioning and attitude, precision farming, and improvements in precise positioning.

She received the Johannes Kepler Award from the U.S. Institute of Navigation, APEGA’s Centennial Leadership Award and the Gold Medal Award 2013 from Engineers Canada. She held the NSERC / Petro-Canada Chair for Women in Science and Engineering from in 1997 and was the recipient of the NSERC E.W.R. Steacie Fellowship for outstanding young researchers in 2002.

In 2006 she became the school's first female dean of engineering. Since 2010 she has served as the eighth president and vice-chancellor of the University of Calgary, the first woman to hold that position.

<http://www.science.ca/scientists/scientistprofile.php?pID=351>

<http://www.ucalgary.ca/president/about>

<https://en.wikipedia.org/wiki/M._Elizabeth_Cannon>

**Local**

**Dalhousie Female Leader**

Carolyn Watters

Since Faculty of Computer Science of Dalhousie University officially established in 1985, Carolyn is the first female doctorate.

She was Dean of Faculty of Graduate Studies Dalhousie University from 2006 to 2010. Since 2011, She is a Provost and Vice President Academic Dalhousie University.

She is a founder of MathResources Inc, a mathematics software company. MathResources focuses on developing the most robust math software available to teachers and students alike. It is a world leader in interactive software and online content for mathematics.

She also serves as chair of the CALDO consortium of research-intensive universities and has been a member of the Joint Implementation Committee for the Memorandum of Understanding between Canada and the Republic of Chile on Cooperation in Science, Technology and Innovation since its inception in 2011.

<http://www.sshrc-crsh.gc.ca/about-au_sujet/governance-gouvernance/committees-comites/members-membres/watters-eng.aspx>

<http://www.conley-international.org/CAROLYN_WATTERS_.html>

<http://crfh.ca/index.php/carolyn-watters-bio/>

**Top 100 Canada Most Powerful Woman**

Dawn Jutla

Julta completed her Ph.D. in Computer Science at Dalhousie University in 1996. Her 1996 Ph.D. work on multi-view access control has been cited in Xerox, IBM, and Koninklijke Philips Electronics' US patents.

Her subsequent research work, continuously funded by the Natural Sciences and Engineering Research Council of Canada throughout her university career, has received over 850 citations in the areas of information system design and models for electronic business, e-business readiness, government, and online privacy.

She was the 2009 winner of the World Technology Award for IT Software in the Individual Category. Recently, she convened and now co-chairs the OASIS Privacy by Design Documentation for Software Engineers (PbD-SE) Technical Committee. She is also an active member of the international OASIS Privacy Management Reference Model's Technical Committee since 2010. She was elected as a Director on OASIS Board of Directors for the term 2012-2016.

Under her leadership, the new program MTEI (Master of Technology Entrepreneurship and Innovation) at St Mary University was developed in 5 months. She is also Chief Executive Officer of Peer Ledger, a Blockchain company targeting Pharma, Healthcare, Precious Metals and Industrial Minerals, and other highly-regulated sectors

<http://smu-facweb.smu.ca/~djutla/>

<https://peerledger.com/team/>

**President and CEO Digital Nova Scotia**

Ulrike Bahr-Gedalia

Ulrike was raised in Germany and have always been exposed to other cultures, countries, and languages. She lived and studied in California and completed her Masters in Texas.

She is a multilingual senior executive with over 20 years of combined experience in the private and public sectors, and academic institutions. Her career spans five geographic regions – America (North), Africa (South), Middle East, Asia and Europe.

She is a Finalist for the 2015 RBC Top 25 Canadian Immigrant Awards and was named one of Canada’s top 40 Change-Makers by Canadian Living. She was awarded a “Wavemaker” with the 2015 National Annual WCT and a recipient of the 2014 Progress Women of Excellence Award and the Mannesmann Teaching Award (USA), Fulbright Scholarship (USA).

She is an elected member of the International Women’s Forum, and sits on Boards with Dalhousie University – FCS and Saint Mary’s University – Sobey School of Business.

In 2017, She was invited to speak in front of a sold-out crowd at TEDxKelowna and was featured in the “Executive Voice Publishing – Best of Canada 150th Anniversary Report”.

<https://www.digitalnovascotia.com/ulrike-bahr-gedalia/>

<http://itac.ca/ulrike-bahr-gedalia-president-and-ceo-digital-nova-scotia/>

**Leader in Digital Economy**

Nur Zincir-Heywood

Nur completed her Ph.D. in Computer Science and Engineering at Ege University. She joined Dalhousie University in 2000 as an assistant professor.

She organized and co-hosted the screening event in March 2015 together with Women in Science and Engineering Atlantic and the Atlantic Association for Research in Mathematical Sciences.

She also recognized as a digital diversity leader by Digital Nova Scotia and earned the 2017 Women Leaders in the Digital Economy.

She is a founding member and faculty advisor of the Women in Technology Society (WiTS). Since 2005, WiTS reflects the interests of the women and the evolving context of the information and communications technology world, both academic and professional.

She is also the founding Chair of the Culture of Respect in Computer Science (CoReCS) committee at Dalhousie University.

Since 2015, CoReCS addresses inclusiveness, fairness, and respect for all stakeholders

involved—students, faculty, and staff—by engagement and education

<https://web.cs.dal.ca/~zincir/newNZH/Welcome.html>

**Women of Excellence**

Faten Alshazly

She was named one of Canada’s 100 Most Powerful Women, the first woman from Nova Scotia to receive that honor in Arts and Communications. She was also noted as one of Canada’s top 5 Women of Inspiration by the Canadian Immigrant Magazine, and a Woman of Excellence by the Canadian Progress Club. She also recognized as a digital diversity leader by Digital Nova Scotia and earned the 2017 Women Leaders in the Digital Economy.

After she completed her BSc in Computer Science at Dalhousie University, she earned MA degree in Broadcasting Design and Motion Graphis. Since 2011, she is a Principal and Creative Officers at WeUsTeam. WeUsThem is an internationally recognized full-service agency.

She is a director on the board for the Canadian Cancer Society and a Governor for the board of NSCAD University and the Halifax Chamber of Commerce .

She also mentors the Women’s Executive Network, the Women’s Employment Outreach (WEO), the Halifax Partnership Connector Program, and as a Business Advisor with e3 (formerly Entrepreneurs Forum).

She also helps the Women in Technology Society (WiTS) at Dalhousie. She provides young women with knowledge and advice about next steps and how to move forward in their careers after graduation.

<https://alumni.dal.ca/alumni-story/sharing-expertise-making-impact-faten-alshazly-bsccs99/>

**Next Generation Leader**

Lianne Perry

She obtained her BA from Acadia University in 1995 and then she completed MTEI program at SMU in 2017.

She is a co-founder and CEO of PinPoint Virtual and Karmabuyi. PinPoint is a virtual concierge and outsourcing service. Karmabuy is an online shopping mall for a social enterprise that allows them to showcase their original art, crafts and handiworks online in a ‘storefront’ and sell to bring in valuable revenue.

She is recognized as a digital diversity leader by Digital Nova Scotia and earned the 2017 Women Leaders in the Digital Economy.

She was a Faculty Advisor for the Enactus team at Saint Mary’s University, a founding member of the Nova Scotia Women in Technology task force, and member of the Techsploration Advisory Board .

<https://ca.linkedin.com/in/lianneperry>

<https://www.thecoast.ca/halifax/lianne-perry/Profile?oid=3997855>

<https://www.digitalnovascotia.com/female-leaders-and-diversity-champions-celebrated-at-digital-nova-scotias-digital-diversity-awards/>

<http://thechronicleherald.ca/novascotia/1474330-trio-recognized-with-nova-scotia-diversity-awards>

**One of Top 150 Women in STEM**

Rita Orji

Before moving to Canada, Rita received a MSc in Information Systems from Middle East Technical University, Turkey, and a BSc in Computer Science from Nnamdi Azikiwe University, Nigeria. She received her Ph.D. in Computer Science from the University of Saskatchewan in 2014. She recently joined Dalhousie from the University of Waterloo.

She was a Banting Postdoctoral Fellowship (NSERC)researcher at University of Waterloo.

She was also a Postdoctoral Researcher with ACT Lab investigating how interactive technologies can be designed to motivate desirable behaviors in older adults. Before joining McGill University in 2015, She was a Visiting Senior Lecturer at Nnamdi Azikiwe University, Nigeria, and a Postdoctoral Fellow at Yale University, USA.

She is chosen in recognition as one of the 150 Canadian Women In Science, Technology, Engineering, And Mathematics (STEM) in 2017. She is dedicated to helping inspire the next generation of female tech leaders.

She was also a recipient of the prestigious Vanier Scholarship for her Ph.D. research on Developing Persuasive Technology for Health at the University of Saskatchewan.

She is a researcher in Human-Computer Interaction and has produced more than 50 peers reviewed papers in only five years, along with taking part in over 20 media appearances receiving more than 500 Google Scholar citations.