

Farnaz Baksh
University of Tartu
MSc Robotics & Computer Engineering [2021 -2023]

University of Guyana
BSc Computer Science [2016 -2020]
Overall GPA 3.6 | Major GPA 3.8 | Other GPA 3.4

Organisations & Teams:

- Bachelor of Science (BSc) Student at the **Computer Science Department, University of Guyana** (2016 - 2020)
- Founded the **University of Guyana Robotics Club (UGRC)** in October 2016 -
Served as President from 2016 to 2020
- Cofounded the **Computer Science Technology Education Revolution Club (CS TechED Rev Club)** in
December 2016 - Served as Vice-President from 2016 to 2019
- Founding member of the **Girls in Computing Club** - March 2017
Served as an active member from 2017 to 2019
- Member, **UG Astronomical Society (UGAS)** - 2017 to 2019
- Member, Ambassador and Mentor at **STEMGuyana** - July 2016 to January 2019
- Team Manager and Mentor - **Team Guyana Robotics 2017 and 2018**
- STEM-Robotics Teacher at **Lusignan GoodHope Learning Center** - 2017 to 2019
- Guyanese Representative and Coordinator in the **Caribbean Education Project (CEP)** - March to December 2020
- STEM Robotics Coordinator & Trainer at the **Guyana Council Of Organisations For Persons With Disabilities (GCOPD)** - January 2020 to December 2020
- Junior ICT Engineer - Web & Social Media Coordinator at the **University of Guyana, Office of the Vice-Chancellor, Tactical Online Service Unit** - October 2020 to October 2021
- Organiser and Mentor, **Guyanese Girl Code** Summer Camp - June to August 2021
- Master of Science (MSc) Student at the **Institute of Technology, University of Tartu** (2021 -2023)
- Intern, **SDT** - February 2022 - present
- Intern, **iCV** (Spring semester 2022)
- eMentoring Platform for **Ground FND | EQUALS** (April 2022 - present)

Conferences, Workshops, Competitions, Other Activities:

- Lego Robotics Teacher at the Brickdam Police Station Youth Group (September - December 2016)
- Host & Organiser - Introductory Robotics Workshop with the Computer Science Department Lecturers at the University of Guyana (October 2016)
- Host & Organiser - Introductory Lego Robotics Workshop with Computer Science Students at the University of Guyana (November 2016)
- Co-organiser, Mentor, Volunteer & Teacher for the National Hour of Code Activities and Outreaches among schools across Guyana (December 2016 - January 2017)
- Teaching Robotics and Tech Sessions at the Lusignan/Good Hope Learning Center - (February - July 2017)
- Computer Science Student Volunteer - University of Guyana Career Day Exhibition (February 2017, 2018, 2019)
- Co-organizer for the first CS50x Puzzle Day 2017 through the UG CS TechEd Rev Club at UG Turkeyen Campus (April 2017)
- Attendee - Networking Forum & Talk about engaging women in ICT by Startup Grind powered by Google for Entrepreneurs, Georgetown, Guyana (April 2017)
- UG Representative & Attendee at the CARINA/UWI Astronomy Conference at St Augustine Campus, University of the West Indies (May 2017)
- Visitor - Open Day at the University of the West Indies, St Augustine Campus, Trinidad (May 2017)
- STEM Ambassador & Volunteer - STEMGuyana Booth at the launching of the Youth Innovation Project of Guyana - YIPoG (May 2017)
- Mentor - Introduction of Robotics to Nursery Kids at Al-Ghazali Islamic Academy (June 2017)
- Co-organiser, co-planner and volunteer at Guyana's first Robot & Tech Exhibition (June 2017)
- Represented Team Guyana & Participated in the inaugural FIRST Global Robotics Competition in Washington DC (July 2017)
- Attendee - Youth Exposition & Volunteer Fair by the US Embassy Youth Action Network (July 2017)
- STEM Ambassador & Volunteer at STEMGuyana | Team Guyana Robotics - Exhibition in Berbice (August 2017)
- Representing Team Guyana Robotics at the DevX - Developers Exhibition (August 2017)
- Presenter - Public Seminar on Astronomy and Astrophotography by UGAS (University of Guyana Astronomical Society) & AAAG (Amateur Astronomer Association of Guyana) - (September 2017)
- Attendee - Astronomy Discussion with the President of Barbados Astronomical Society - (September 2017)
- Co-organiser & Presenter - Tech Talk 2017 by the University of Guyana Technology Education Revolution Club (CS TechED Rev Club) - (September 2017)
- Attendee - Guyana First Internet Week: Youth Day event by the Ministry of Public Telecommunication (October 2017)
- STEAM Fair Judge - St. Rose's High School STEAM Exhibition (November 2017)

- Member and Attendee - Philatelic Workshop by the Guyana Philatelic Society (November 2017)
- Mentor & Organiser - Introduction of STEM & Robotics to students from the Guyana Deaf Association (January 2018)
- Mentor - Introduction of Robotics and Programming at St. John Bosco Orphanage (January 2018)
- Student Visitor - The Savannah College of Design (SCAD), Georgia Institute of Technology (Georgia Tech) and Startup Incubators in Atlanta, Georgia (January 2018)
- Interacted and discussed BSc, MSc & PhD research projects with students and professors (such as Dr Ayanna Howard) from the Institute for Robotics and Intelligent Machines, GTech Robotarium and RoboJackets (January 2018)
- Attendee - CUP Fest Education Fair (February 2018)
- Participant - Astronomy Workshop by the University of Guyana Astronomical Society (February 2018)
- UG & STEMGuyana Representative - Launching of GTT Innov8 Summit and Women in STEM celebration (March 2018)
- Attendee - Panel Discussion by Women In Aviation Guyana held on UG Turkyen Campus (March 2018)
- Volunteer - STEMGuyana Booth at the International Women's Day Expo by the High Commission of Canada in collaboration with the Ministry of Social Protection (March 2018)
- Attendee - Gender Forum by the UG Computer Science Department, UG Turkeyen Campus (March 2018)
- STEM Ambassador - GTT Innov8 Expo - part of the STEMGuyana Team (March 2018)
- Panellist & Presenter - Launch of Guyanese Girl Code Program by the Ministry of Public Telecommunications (April 2018)
- Presenter - Girls in ICT Day Event by the Ministry of Public Telecommunications (April 2018)
- STEAM Fair Judge - Georgetown International Academy (May 2018)
- Speaker - Talk on Robotics at the National Science Camp (July 2018)
- Volunteer - STEMGuyana 2nd Annual Robot & Tech Exhibition (July 2018)
- Represented Team Guyana & Participated in the International FIRST Global Robotics Competition in Mexico (August 2018)
- Co-organiser for Software Freedom Day 2018 - Event by the University of Guyana Free & Open Source Software (FOSS) Club (September 2018)
- Attendee - Undergraduate Research Talk - the launch of the Guyana Innovation Prize at the University of Guyana (September 2018)
- STEM Ambassador and Volunteer at the Annual Orphan and Vulnerable Children (OVC) Event (October 2018)
- Co-organiser & Participant - CybersecurityED Exhibit by University of Guyana Cybersecurity Club & CS Technology Education Revolution Club (TechED) for Cybersecurity Awareness Month (October 2018)

- Organiser & Mentor - Introduction to Programming Class for Students at the Lusignan Good Hope Learning Center (January 2019)
- Mentor & Volunteer - CANTO/GSMA Tech4Girls *Google Home* Workshop (January 2019)
- Attendee - University of Guyana Student Society Entrepreneurship Workshop (February 2019)
- Co-organizer & participant in the international CS50x Puzzle Day 2019 event through the CS TechED Club at UG Berbice Campus (March 2019)
- Organiser & Participant - Graphic Design Workshop at the University of Guyana (March 2019)
- Chairperson - University of Guyana Undergraduate Research Conference (URC) - (April 2019)
- UG Robotics Club Representative at the Girls+Tech Gala Event (May 2019)
- Mentor & Organiser - Roboduino Workshop by the University of Guyana Robotics Club (August 2019)
- Addressing the University of Guyana Orientation Event as President of the University of Guyana Robotics Club. (August 2019)
- Speaker & co-organiser - GEP Guyana Networking Event at the University of Guyana (September 2019)
- Collaboration meeting with the Guyana Civil Aviation Authority through the University of Guyana Robotics Club (September 2019)
- Participant & Co-organiser - UG Robotics Club | Major League Hacking (MLH) Local Hack Day (December 2019)
- Mentor & Organiser - RoboPi Workshop by the University of Guyana Robotics Club (January - February 2020)
- Co-organiser & Mentor - Introduction to Robotics to Medical Imaging Students at UG Robotics Club (February 2020)
- Student Presenter - University of Guyana Computer Science Department Virtual Info Session (August 2020)
- Cohost & Presenter - Virtual Tech Fair hosted by Girls in Tech in collaboration with the University of Guyana Computer Science Department (August 2020)
- Mentor & Co-organiser - Virtual Hour of Code Event by the University of Guyana Robotics Club for Computer Science Education Week (December 2020)
- Chairperson - Graduation ceremony of the STEM-Robotics Special Educational Needs Program by GCOPD and ExxonMobil (February 2021)
- Organiser & mentor - First Online Guyanese Girl Code Summer camp by the Innovation Unit, Office of the Prime Minister Guyana (June - August 2021)
- Presenter - 22nd Biennial Conference of the Caribbean Academy of Science Youth in Science Forum (August 2021)
- Presenter - Orientation for New and Continuing Students, Faculty of Natural Science, University of Guyana. [Presentation title: Understanding the Value of Student Clubs] (October 2021)
- Team member - Project in Competitive Robotics, Team BTS in the DeltaX Basketball Competition (September 2021 - January 2022)

- Cofounder - Team AWB - EdTech Startup in starterTartu Program. (September - December 2021)
- Won 3rd Place in the business model category, new start-up ideas, DeltaX competition 2022 (January 2022)

Professional Development:

- Participant at Pueblo Science Workshop (August 2017)
- Lab Instructor for Computer Literacy Course (MNG2100) at the University of Guyana (September - December 2018)
- Participant at Introductory Qualitative Research Methods Course - The University of Florida (January 2019)
- International Student Participant at the Global Entrepreneurship Exchange Program (GE2) at the University of Massachusetts Lowell (July 2019)
- Participant in the Open Seventeen (017) Challenge - Citizen Science Centre Zurich (October - November 2019)
- Academic Tutor for Information Management Concepts and Fundamentals (ITE1200) at the University of Guyana (April - July 2021)
- Online Participant in “Building a meaning CV” by the Career Counselling Centre, University of Tartu (April 2022)
- Online Participant in 3D Printing course/workshop by the local specialist at the University of Tartu, Institute of Technology (April 2022)

Awards & Features:

- Guyana Chronicle feature for Girls in ICT (May 2017)
- Women in Science & Engineering (WiSE) Symposium feature (December 2017)
- Women in Engineering & Technology Awareness (GYGirlPower) Campaign *by* the European Union & the Ministry of Public Infrastructure - (2017 to 2019)
- Outstanding Women in Technology Award *by* Girls+Technology Initiative - (May 2019)
- FIRST Global Newsletter feature for the development of Guyana’s first makerspace- University of Guyana Robotics Club (August 2019)
- Guyana's National Youth Awards - Innovation in Science & Technology *by* the Ministry of Culture, Youth and Sport (Guyana) - (August 2019)
- The University of Guyana - Faculty of Natural Science Dean’s List for 2018-2020
- The Council of the University prize *by* The University of Guyana (2019/2020)
- Student Award from the Faculty of Natural Science, University of Guyana (October 2021)
- Women in ICT - Award of Excellence *by* Office of the Prime Minister (November 2021)

Academic/ Professional References:

- Ms. Penelope DeFreitas
Lecturer, Department of Computer Science
Faculty of Natural Sciences, University of Guyana
Ms DeFreitas was my first-year lecturer for two courses and club advisor for the CS Technology Education Club. We worked on numerous projects together such as co-mentoring on the STEM-Robotics Special Educational Needs Project.
- Ms. Aurel Liddell
Lecturer, Department of Computer Science
Faculty of Natural Sciences, University of Guyana
Ms Liddell was my Introduction to Programming lecturer and the campus advisor for the UG Robotics Club since its inception.
- Mr. Malcolm Williams
Director, Tactical Online Service Unit
Office of the Vice Chancellors, University of Guyana
Mr Williams was my Applied Project course lecturer, supervisor for my undergraduate thesis project and is the head of the University of Guyana ICT unit where I once worked.

For more info - feel free to visit my social profiles:

- [Farnaz Baksh | Goodwall](#)
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