

**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 2021 & 2022
- Master of Science (MSc) Student at the **Institute of Technology, University of Tartu** (2021 -2023)
- IoT Intern Engineer, **SDT Systems** - February 2022 to September 2022
- Student Intern, **iCV Research Lab** (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 by the Ministry of Education (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)
- Team AWB - Won 3rd Place in the business model category, new start-up ideas, DeltaX competition 2022 (January 2022)
- Student Photographer - Loodusfestivali / Nature Festival by University of Tartu Nature Museum (June 2022)
- Student Participant - Demo4Green Approach Training (June 2022)
- Exchange Student - Erasmus+ Traineeship in Slovenia ( June - August 2022)
- Participant - EdTech Hackathon (October 2022)
- Materials Co-Mentor - Garage48 Hackathon (February 2023)
- Participant - ENLIVE Cultural Exchange Project (February 2023 - April 2023)
- Co-organizer - Hackerspace LinuxFest (March 2023)
- Mentor - UT Buddy Programme (August 2022 - June 2023)
- UT Student Project Contest 2023 (June 2023)

### **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 in 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)
- Liider Programme (June 2023)

### **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)
- 30 Under 30 Caribbean Changemaker Honouree *by* Ignite Caribbean (June 2022)

#### **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 via social profiles:*

- [Farnaz Baksh | Goodwall](#)
- [Farnaz Baksh | LinkedIn](#)
- [Farnaz Baksh | Facebook](#)