# Oluwagbotemi Iseoluwa

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## EDUCATION

**University of Toronto**  Mississauga, ON
*Honors Bachelor of Science (H.Bsc.), Information Security + PEY Co-op -* ***CGPA: 3.87***  *Expected 2026*
**Awards:** Dean's List Scholar (2021/2022 session), Lester B. Pearson Scholar.
**Courses:** Introduction to Computer Programming (A+), Introduction to Computer Science (A), Software Design (A), Introduction to the Theory of Computation (ongoing), Software Tools and Systems Programming (ongoing), Data Structures and Analysis (ongoing), Computer Organization (ongoing)

## PERSONAL PROJECTS

**Science-Hub Blog** | science-hub-blog.vercel.app | *MongoDB, Next.js, Node.js*
- Developed a full-stack web application (a blog-site) using MongoDB to store data and Next.js as the front end
- Optimized speed and improved Search Engine Optimization using server side rendering provided by Next.js
- Implemented User Authorization for blog contributors using Github OAuth

**Bookstore** | *Flutter, Dart, Firebase*
- Developed a mobile application using Flutter to keep inventory of sales made in a store
- Implemented User Authorization for the store owner using Firebase Authentication
- Used Cloud Firestore to store and keep data in sync across devices

## COURSEWORK PROJECTS

**Huffman Tree File Compressor** | *Python*
- Wrote Python scripts to compress and decompress huffman tree encodings of files
- Implemented methods to build huffman tree weights from files

**Boggle Game** | *Java*
- Developed a Graphical User Interface application
- Worked with a team utilizing Agile methods

## RELEVANT EXPERIENCE

**Volunteer Programming Instructor**  May 2020 – Present
*XploreSTEMi.com*  *Online/Nigeria*
- Developed curricula for high school programming bootcamps in the summers of 2021 and 2022 in Java
- Taught students Java with a hands-on approach during the bootcamps
- Communicated and collaborated with other volunteers to set up the bootcamps

**Teaching Assistant**  Sept 2022 – Dec 2022
*University of Toronto Mississauga*  *Mississauga, ON*
- Course: Introduction to Computer Programming (Python)
- Led weekly tutorials of 50 students

**Vice President Communication**  Sept. 2022 – Present
*UTM Robotics*  *Mississauga, ON*
- Handled social media and communicated to the club community regarding upcoming events
- Communicated and collaborated with other executives to design an Arduino Workshop

**President**  July 2019 – Sept. 2020
*Junior Engineers Technicians and Scientists Club*  *Benue, Nigeria*
- Brainstormed and organized workshops/tutorials and competitions related to STEM subjects for members of the club
- Organized preparation workshops for external math, science, and coding competitions
- Communicated and collaborated with other execs to run the club activities

## TECHNICAL SKILLS

**Languages**: Java, Python, Dart, C, HTML, CSS, Javascript, SQL
**Frameworks**: Flutter, Firebase, React.js, Next.js, Node.js, MongoDB
**Developer Tools**: Git, Bash, Linux, PyCharm, Android Studio, Docker, Agile