Oluwagbotemi Iseoluwa

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EDUCATION

University of Toronto — Mississauga, ON
Honors Bachelor of Science (H.Bsc.), Information Security + PEY Co-op — *Expected 2026*
Awards: Dean's List Scholar (2021/2022, 2022/2023), Lester B. Pearson Scholar.

RELEVANT EXPERIENCE

Intern Engineer (PEY) — May 2024 - Present
Xero — *Toronto, ON*
- Investigated and fixed bugs to improve stability in a legacy codebase serving millions of users
- Contributed to the development of features for an internal tool
- Led scrum meetings and sprint retrospectives

Volunteer Researcher — May 2024 - Present
MedCVR Lab — *Mississauga, ON*
- Built software to improve algorithm development for robots in medical applications
- Presented research findings to interdisciplinary team, resulting in adoption of proposed methodologies

Teaching Assistant — Sept 2022 – Apr 2024
University of Toronto Mississauga — *Mississauga, ON*
- Courses: Introduction to Computer Programming (Python), Software Development (Java)
- Prepared course material for assignments and labs
- Led weekly tutorials of 50 students

Technical Associate — August 2023 – Present
UTM Mathematics and Computational Science Society (MCSS) — *Mississauga, ON*
- Served as a technical mentor at Deerhacks.ca
- Contributed to the development of websites for the club by resolving tickets assigned to me
- Collaborated with other associates to plan workshops for the student community

PERSONAL PROJECTS

Portfolio Website | *C, HTML, CSS, Javascript*
- Developed an HTTP server using websockets in C
- Configured nginx as a reverse proxy for the server on an AWS Virtual Machine
- Configured SSL/TLS handshakes using Certbot to ensure secure connections
- Designed and developed a reactive website using HTML, CSS, and Vanilla Javascript

Science-Hub Blog | *Javascript, Next.js, MongoDB*
- Designed and 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

Inventory | *Typescript, Next.js, Prisma*
- Designed and developed a full-stack web application used to keep inventory of sales made in a store
- Implemented User Authorization for the store owner and employees using NextAuth and Google OAuth
- Used Planetscale and Prisma ORM to store and access data
- Deployed and set up a CI/CD pipleline on Github and Vercel