

JAZIM SYED – BIOMEDICAL ENGINEERING STUDENT TMU

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OBJECTIVE

As a third-year Biomedical Engineering student with a strong foundation in product development, design verification, and hardware systems, I am seeking a co-op position where I can apply my technical skills and academic knowledge. I aim to contribute to a forward-thinking team in roles such as Product Lifecycle Management & Prototype Intern, Design Verification Engineering Intern, or Hardware Developer Intern, while gaining hands-on experience in the medical device or engineering sectors.

SKILLS & TOOLS

- Python, C, C++. AutoCAD
- Circuit Analysis and Hardware
- Project management
- Advanced in Calculus and Math
- Leadership & Team Player
- Circuit software Multisim
- MPLABX
- Microsoft Office 365 (Outlook, Excel, Teams, PowerPoint)
- Excellent Communication Skills

Education & Certifications

- Bachelor of Science in Biomedical Engineering -Toronto Metropolitan University (formerly RyersonUniversity), 2021-2026
- Project Management certification (PM Ready in Progress) - Project Management Institute (DEC 2024)
- OSSD - Dr. Frank J. Hayden Secondary School, Burlington ON, 2019-2021

RELEVANT EXPERIENCE

AUG 2023—PRESENT: PSW ASSISTANT, EXTENDICARE LONG TERM CARE HOME

- Assist nurses with daily routines for residents (e.g. feeding, changing)
- One on one with residents who may require extra assistance.
- Coordinate activities for residents with recreational department.

AUG 2022—AUG 2023: GENERAL WORKER, REVERA LONG TERM CARE HOME

- Pan bio and clinic work: Rapid Covid tests for both staff and visitors
- One on one with residents who may require extra assistance.
- Screened visitors and staff entering the building for Covid symptoms.

SEP 2022—MAY 2023: VP FINANCE, BIOMEDICAL ENGINEERING COURSE UNION, - TMU

- Appraised and priced new and used merchandise for sale.
- Planned budgets for events held during the school year.
- Forecasted event budgets for the upcoming year.

SEP—DEC 2022: SUBSTITUTE TEACHER, BEST BRAINS LEARNING CENTRE, BURLINGTON

- Taught students' math and English, from third to ninth grade
- Marked tests and workbooks.
- Determined skill levels of students from demonstrated knowledge.

DEC 2020: ADMINISTRATIVE SUPPORT – SPIRIT OF MATH SCHOOLS INC, BURLINGTON

- Maintained and organized student files
- Distributed student handouts
- Increased office of the registrar productivity by maintaining an organized environment
- Student Record Management on Microsoft Dynamics 365

NOV 2020: OFFICE ASSISTANT (VOLUNTEER) – LEARNING DISABILITIES ASSOCIATION OF HALTON

- Recycled old and used documentation.
- Kept an inventory of office supplies.
- Welcomed visitors and answered questions.

AUG—NOV 2020: MERCHANDISING ASSISTANT (VOLUNTEER) – HABITAT FOR HUMANITY, BURLINGTON RESTORE

- Appraised and priced new and used merchandise for sale.

RELATED PROJECTS

BIOMEDICAL ENGINEERING CONFERENCE – TMU

- Was head of finances for the 2022 Biomedical Engineering Conference at TMU. At this event, I oversaw allocating compensation to all guest speakers, food for the event and providing support to the team at the event. Additionally, this conference invited employers, professors and biomedical engineering co-op students.

CPS188 – LAKE AVERAGE TEMPERATURES IN ONTARIO

- For this first year project, I used C programming language to code a program which can find statistics for lake temperatures such as hottest and coldest days, through a database.

POST-STROKE REHABILITATION EXOSKELETON

- Using Autodesk's Inventor software, me and my group managed to create a 3D model for a Post-Stroke Rehabilitation Exoskeleton. This project aimed to assist post-stroke patients who lost basic hand functionality.