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CAREER OBJECTIVE

To give my **software career** a solid start by seeking a position that offers a great deal of **exposure to latest trends, professional growth** and a chance to utilise and build my skills and abilities in the **IT industry** and **software development** environment.

PROFESSIONAL PROFILE

- Integration, design, deployment and management of computing and telecommunication resources and services
- Development of technology infrastructures
- Solving complex hardware and software problems requiring fundamental knowledge and competencies in the processes of needs assessment, technology transfer and user support

EDUCATION

Bachelor of Engineering Science (Ongoing), University of Western Ontario, London, Ontario, Canada **Class of 2020**

- Enrolled in four-year Computer Engineering degree program – software systems for ubiquitous computing
- Participated in Hack Western 2017, 2018 and 2019
- UES Council- 4th year Computer Engineering Rep (2019-2020)

Preliminary Year Program, Brescia University College, London, Ontario, Canada **2014 – 2015**

- Critical Thinking, Inquiry & Analysis, Problem Solving, Self-Awareness & Development and Social Awareness & Engagement

ACADEMIC PROJECTS

Capstone Project: 3D medical imaging and virtual reality to aid in epilepsy surgery preparation and informed consent. **Sept 2019- Current**

Western University, Team lead

- Created a VR-based environment where an epilepsy patient can view an animated 3D model of their brain that displays the source and path of electric signals generated during a seizure. Export a standard 3D model of the brain from 3D Slicer into Unity that will be used in VR.

WORK EXPERIENCE

Western Summer Student Position, ACEB, Western University, London, Ontario **Summer 2018**

- Troubleshooted, de-bugged and upgraded existing systems
- Integrated software components into a fully functional software system to maximize productivity
- Provided ongoing maintenance, support and enhancements in existing systems and platforms
- Worked alongside other engineers and colleagues on the team to elevate technology and consistently apply best practices
- Consulted with professors and colleagues concerning the maintenance and performance of software systems with a view to writing or modifying current operating systems
- Monitored day to day system and software performance

VOLUNTEERING EXPERIENCE

Community Service Volunteer, Kenya Women and Children's Wellness Centre, Nairobi, Kenya **2015 – 2017**

Inaugural project of James R. Jordan Foundation International based in Chicago

- Implemented projects geared towards sensitization and training on Gender Based Violence (GBV) prevention in the community, Sexual and Reproductive Health (SRH) Education in schools, and Women Economic Empowerment as a preparation towards putting up a state-of-the-art hospital in Kasarani, Kenya

Volunteer, IT Department, UNISERV Education Consultants, Nairobi, Kenya **2014 – 2015**

- Mentored and assisted students with undergraduate, postgraduate and professional career pathways.
- Designed standard frameworks to be used on company websites, which can be reused in future webpage projects
- Prepared presentations on topics regarding handling pressures and lifestyle adjustments for international students living abroad

COMPUTER SKILLS AND INFORMATION TECHNOLOGY SYSTEMS FAMILIAR

Operating Systems: Windows, MacOS, Android, IOS and Linux based systems

Applications: MATLAB, Android Studio, Slicer, Quartus, Microcap, Microsoft Office

Programming Languages: C++, JavaScript, C#, HTML, CSS, Angular, Python, Java, Ember, SQL, Swift, Git, Node.js