KANYIHA W. NGOTHO

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EDUCATION:

Bachelors of Science (Honours) Computer Information Systems (First Class)   **2012 May – 2016 April**

School of Computer Science, University of Windsor, Windsor, ON

Major GPA: **81.29** out of 100.0 (A-)

- Dean's Honour Roll Recipient
- Specialized in Web and Mobile Application Programming in my Final Year of the Program

TECHNICAL SKILLS:

- *Operating Systems:* Windows (98 – 10), Ubuntu, Linux, MAC OSX
- *Design/Editing Programs:* Adobe (Photoshop, Flash and Illustrator), Macromedia Dreamweaver and Fireworks, CyberLink PowerDirector, Final Cut Pro, Microsoft Office (Word, Excel, PowerPoint, Access, OneNote and Publisher), Visual Studio Express for Web and Eclipse
- *Programming Languages:* C, C++, Java (including Android Development), Assembly, SQL, PHP, HTML 5, CSS3, VB (Self-taught), C# (Self-taught), Python (Self-taught), Solidity (Smart Contracts)
- *Hardware:* Desktop Computer assembly, disassembly and basic troubleshooting, Wi-Fi Access Points and Routers
- *Management:* Web Project Management, Software Project Management, Wi-Fi Project Management

ADDITIONAL SKILLS:

- *Languages:* English and Swahili
- Adaptability
- Ability to work under pressure
- Time Management

RELATED EXPERIENCE:

University of Windsor – Information Technology Services   2017 March – Present

Programmer

- Programming of assigned systems and applications, assisting with testing, modification, implementation, upgrade and maintenance
- Stakeholder Support including receiving, initiating, processing support "tickets" for issues related to assigned applications and providing basic technical support while referring advanced issues to appropriate parties.
- Serving as a backup for said assigned systems and reviewing potential effectiveness of existing systems, providing recommendations on potential modification/enhancements as well as best practices

University of Windsor – Information Technology Services   2016 October – 2017 February

Computer Operator

- Processed mark-sense Exam and Student Evaluation of Teaching form with an Optical Mark Sense Scanner using the Remark Software, version 4 and 5
- Downloaded and processed University admission requests, from OUAC (Ontario University Applications Centre)
- Performed Unix and Windows Server Operational tasks including ad hoc reboots of servers running on either physical servers or virtual environments using privileged access authority
- Monitored and resolved issues regarding networks, servers and other computer systems
- Created and maintained agents for application and web service testing

University of Windsor   2015 September – 2016 April

Computer Science Teaching Assistant

- Assisted the learning process for students in the following classes:
  - ➢ **03-60-266** - Computer Architecture II: Microprocessor Programming
  - ➢ **03-60-420** - Mobile Application Development
- Marked various programming assignments, exercises, exams and projects

- Conducted and lead lab sessions that aided students understanding of course concepts and helped them to apply what they learned in class in real life situations
- Held Office Hours for students in the classes that felt that they needed the additional help
- Was open for online consultation throughout the semester
- Proctored examinations up to 3 hours in length

Calgary Airport Authority   2014 May – 2015 August
IT Operational Systems Co-op Student

- Updating, creating and consolidating documentation related to various operational systems used in the airport
- Designing Functional Diagrams used to assist members outside of the team to better understand IT Systems
- Communicating to other members of the organization on behalf of the team concerning IT Systems available to them at the airport
- Managing projects between the ITOS Department and other departments and contractors working on the renovations of the airport
- Monitoring IT Systems, managing network records and sending out weekly reports on the status of these systems
- Ensuring all Telecommunications Rooms were up to standard
- Assisting other members of the team with various tasks at hand

University of Windsor – Information Technology Services   2013 May – 2014 April
Junior Network Administrator

- Preparing Wireless Access Points (WAPs) in the office for installation
- Installing/Replacing WAPs in residence buildings on campus ceilings
- Testing the new WAPs in the same buildings
- Managed Testing results on Microsoft Excel as well as document reports on the tests conducted
- Use of drills and ladders during the installation process

All Nations Full Gospel Church – Windsor (ANFGC – Windsor) – Part Time   2013 January – Present
Website Developing and Maintenance Ministry

- Created and currently maintain the official church website from scratch *(www.anfgcwindsor.org)*
- Update the website with new content every week (Audio and Video)
- Responsible for the complete maintenance and accuracy of the website

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ADDITIONAL EXPERIENCE (SIDE PROJECTS – links at www.kodex.ca):

2016 November – RegHackTO by Ontario Securities Commission: Participated in Canada's first hackathon by a securities regulator and created an application solution to the KYC(Know Your Client) problem (www.osc.gov.on.ca/en/reghackto.htm)

2016 November – Hemingway and Faulkner Foods: Developed the company website and designed the various e-commerce functionality found within the website (www.hffoods.ca)

2016 August – Amani: Developed the company website and currently developing an application using the Blockchain concept on the *Ethereum* platform to facilitate faster asset transfers for individuals and businesses (www.amanibl.com)

2016 July – Woezo Africa (Unity Africa YYC): Developed a website for an organization that hosts a multicultural event (www.unityafricayyc.com)

2016 March - Windsor Transit Mobile Application: Developed a Transit Application for my 4th Year Computer Science Project, that currently only works on an Android device (https://github.com/kodex-co/windsortransit)

2015 January - 2016 July - BeingBola: Designed and developed a website for an individual with a passion for making films. Developed for the second season of the Saturday Morning Show Managed the sound, lighting and filming of the first season of the Saturday Morning Show Season (www.beingbola.com) (https://www.youtube.com/channel/UCvBSnHn9SGUbRD-K41VvOhw)

2013 January – All Nations Full Gospel Church - Windsor: Designed and developed a website for the church and continuously updated the design and look over the years including media content (www.anfgcwindsor.org)

VOLUNTEER EXPERIENCE:

ANY On Campus – University of Windsor   2015 September – 2016 April
President

- Scheduling and planning events throughout the semester
- Managing members and leadership
- Maintaining contact with Clubs Coordinator and managing online presence on the Hub

REFERENCES AVAILABLE UPON REQUEST