



NEZAR DIMITRI

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HIGHLIGHTS OF QUALIFICATIONS

- ✓ Enrolled in the Software Engineering Co-op Program (with a specification in Embedded Systems) at McMaster University
- ✓ Experience with planning and developing software in a professional setting
- ✓ Excellent time management, problem solving, and troubleshooting skill set
- ✓ Strong ambition, and ability to proficiently learn and apply new skills

SKILLS SUMMARY

Software

- ✓ Knowledge in Unix based OS, Mac OS X, and Windows
- ✓ Quick study for software developing and testing tools
- ✓ Professional experience with Java, VB, Splunk (Big Data), Python, XML, HTML, CSS, and JavaScript
- ✓ Background in C++, Matlab, Shell Script, C, MIPS, PHP, NASM, and SQL
- ✓ Training in Autodesk Inventor, MapleSim, Git, and Latex
- ✓ Proficient in Microsoft Office Suites, including Excel CSV file manipulation

EDUCATION

Bachelor of Engineering, Software Co-op, Level III
(Specialization in Embedded Systems)

Graduation April 2018
McMaster University, Hamilton, ON

- Awarded the \$2500 McMaster President's Award in 2014 for academic excellence

Relevant Projects and Courses

- Participated in various hackathons and conferences. A few of which are: CUSEC, YHacks, RoboHacks, ConUHacks, and DeltaHacks.
- Developed an algorithm that fixed clashes and scheduled a high school time table for teachers (*received A+*).
- Introduction to Software Development- Software life cycle, quality attributes, requirements documentation, specifying behaviour; reviews, testing and verification. (*received A+*).
- Ongoing development of Image Processing Application utilizing Marvin Frameworks.

WORK EXPERIENCE

TierOne OSS Technologies/ Rogers Communications
Junior Developer & Technical Systems Analyst

May - September 2016
Rogers Park, Brampton, ON

- Used *Splunk* (a software for searching, monitoring, and analyzing machine-generated big data) to analyze big data generated by the technology infrastructure and business applications.
- Created different levels of dashboards used by various teams (from operations to executives) using *Splunk* to analyze the data paired with XML, javascript, HTML, and CSS to give the visuals needed.
- Replicated and revamped reports offered by vendors, resulting in savings of over \$100,000.
- Acquired strong understanding of the architecture behind the ROD (Rogers On-Demand) platform as well as the SeaChange video delivery system and logs.

Improtech Ltd.
In-House Software Developer

July - September 2015
Toronto, ON

- Created many Microsoft CSV file manipulation algorithms to benefit workplace efficiency
 - Developed a program that creates purchase order forms, quotes, and packing slips using a data base of clients' addresses (manual process to create a single form would take around 30 minutes, while program decreased time to 5 minutes).
- Analyzed drawings and researched parts for machines with considerations of financial constraints, negotiated with suppliers, and presented results to a superior.
- Utilized organizational skills to design new inventory system for office stationary in addition to a new shelving system for catalogues to increase office efficiency.

WORKPLACE SKILLS

- ☒ Excellent verbal and written communicational skills
- ☒ Outstanding computer literacy skills
- ☒ Strong work ethic and self motivated
- ☒ Impressive analytical skills
- ☒ Ability to take initiative and work independently
- ☒ Superb organizational and record keeping skills

EXTRACURRICULAR ACTIVITIES AND STUDENT MEMBERSHIPS

- **Student Member**, McMaster Arduino Club 2016 - Present
- **Student Member**, McMaster Engineering Society 2014 - Present
- **Student Volunteer**, High School September 2013 - January 2014
 - Assisted in teaching students the principles of programming
- **Student Member**, High School 2010 - 2014
 - Robotics club founder
 - Student Council
 - Link Crew (support for newcomers to high school)

REFERENCES

Available upon request