

Nezar Dimitri

Software Engineering III

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Education

09/2014 - 04/2018

Hamilton, ON

Bachelor of Engineering, Software (Specialization in Embedded Systems)

McMaster University

Relevant Experience

- Competed in time constrained hackathons such as -->
- Introduction to Software Development Course
- Software Architecture Course
- CUSEC, YHacks, RoboHacks, ConUHacks, McHacks, and DeltaHacks
- Software Project Management Course

Work Experience

05/2016 - 09/2016

Rogers Park, Brampton, ON

Junior Developer & Technical Systems Analyst

Rogers Communications / TierOne OSS Technologies

Tasks/Achievements

- 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, 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.

07/2015 - 09/2015

Toronto, ON

In-House Software Developer

Improtech Ltd.

Tasks/Achievements

- Headed extensive research, planning, and design for new form automation platform.
- Manipulated catalog of Microsoft CSV files with a direct integration to Outlook through a custom made Visual Basic application.
- Trained non-technical engineers to use new platform.
- Automation process increased efficiency by 80%.

Skills

Bash Scripting



C++



HTML/CSS



Java



Matlab



Python



Splunk



SQL



Swift



Visual Basic



XML



Technologies: Eclipse, Git, JUnit, LaTeX

Projects

TheLenaProject (09/2016 - On Going)

- Image processing desktop application, allows users to add filters to an image in less than a second, keeping the resolution, and through a simple GUI.
- Used Marvin Image Frameworks to generate figures algorithmically using fractals, Lindenmayer systems and other approaches.

Twinder (ConUHacks 2016)

- Web based app which utilizes the Clarifai API to analyze inputted images and tag the photo with words that describe the image.
- Tags are cross analyzed with other tags in the database and narrowed down to find the lookalike of the user.

Scheduler3000 (2013 - 2014)

- Program to fix scheduling clashes and render a working high school time table for teachers

Extra-Curriculars

Intramural Soccer (09/2016 - Present)

Team Captain

McMaster Arduino Club (2016 - Present)

Student Member

McMaster Engineering Society (2014 - Present)

Student Member

Student Volunteer (09/2013 - 01/2014)

Taught students the principles of programming

Robotics Club (2012 - 2014)

Co-founder

Awards

McMaster President's Award (2014)
Award of \$2500 for academic excellence