

MILOS ARSIK

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EDUCATION

University of Western Ontario | Bachelor of Software Engineering

Sep 2017 – Apr 2021

SKILLS

Languages	Java · JavaScript · Python · C++ · HTML · CSS · C# · Groovy · Ada
Infrastructure	Jenkins · Docker
Software Tools	Maven · Git · ClearCase
Full-Stack	Mongo · Express · Angular · Node

WORK EXPERIENCE

General Dynamics Mission Systems | Software Engineer Intern

Ottawa, ON | May – Aug 2020

- Added a new feature in **Jenkins** pipeline that uses a **dockerized python script** to generate an HTML page of the Robot Framework test results. The results are emailed to the creator of the latest ClearCase baseline
- Upgraded a dashboard that displays Jira issues and Jenkins build data, to show the progress of multiple scrum teams instead of one. **Modularized** the code for easy, future expansion
- Wrote **unit tests** for the WESCAM MX-20 surveillance sensor that is onboard the CP-140 Aurora aircraft

London Hydro | Software Developer Intern

London, ON | May – Aug 2019

- Developed a **virtual assistant** that can be invoked from Google Home, Alexa, Messenger, SMS and Call. It uses **London Hydro API's** to provide updated information such as cost of electricity, service hours, etc.
- Built **Jenkins** pipelines to reduce human error and speed up the software production process. Automated **build** and **deployment** of API's and IDC's after successful code changes on git branches
- Presented an alternative **Identity and Access Management** system that runs on a Keycloak server. Demonstrated that sites can be secured through Keycloak while **minimizing the need to code**

PROJECTS

Late Sleeper | Java · Firebase · Android Studio

- A sleep tracker with a daily diary and smart clock to keep you off your phone at night. Senses phone activity during sleep hours and scores your sleep pattern

Twitter, Snapchat & Flappy Bird Clones | Java · Kotlin · LibGDX · Firebase · Android Studio

- Created functional clones of popular social media apps using the Android SDK, and LibGDX to create Flappy Bird

WE MARS Mission Control | Java · Android Studio

- An app used to control the Western Mars Rover. Sends commands through web sockets and provides a range of control methods in one application; button, joystick, tilt, gamepad (PS4) and voice control

INTERESTS

MMA/Boxing · WE MARS Software Developer · Heart 4 Heart Charity Member · Game Development