

Illya Myshakov

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LINKS

🌐 illyamyshtakov.com
🐙 github.com/IllyaMyshakov
🌐 linkedin.com/in/illyamyshtakov

SKILLS

LANGUAGES

C	C++	Python
Javascript	HTML	CSS
Java	Bash	RAPID
Assembly	VHDL	L ^A T _E X

TOOLS AND TECHNOLOGIES

AngularJS	Node.js
Linux	Android Studio
Jenkins	OpenCV

SPOKEN LANGUAGES

English French
Ukrainian

EDUCATION

UNIVERSITY OF WATERLOO

BASc in Computer Engineering
2017 - Present | Waterloo, ON

AWARDS

University of Waterloo President's Scholarship

July 2017

Global Citizenship and Community Action Award

May 2017

CERTIFICATION

The Complete Node.js Developer Course

Udemy • 2019

Angular 7 - The Complete Guide

Udemy • 2019

IB Diploma

International School of London
Qatar • 2017

INTERESTS

Guitar
Cycling
Cross-country jogging

EXPERIENCE

IMAGINE COMMUNICATIONS | QA Developer

January 2019 – April 2019 | Waterloo, ON

- Developed multiple automated tests using **Python** and the **Sharon** framework, which validated audio and video processing to match customer standards.
- Utilized **Bash** and **Microsoft Server VMs** to standardize test automation across varied channel systems and generate required broadcasting environments.
- Optimized **RESTful** API calls in graphics related automation scripts, reducing runtimes of batches on average by 15-20%.

SILFAB SOLAR INC | Production Operator

May 2018 – August 2018 | Mississauga, ON

- Wrote a **C++** program that collected daily production data and generated Excel files for QA department which increased reporting time efficiency by 40-50%.
- Independently learned **RAPID** robot automation procedures and troubleshooting techniques via HMI control for application in assembly line processes.
- Ensured daily production of 100+ solar panels by maintaining supervision of machinery and collaborating with engineers.

WATERLOOP | Electrical Member

September 2017 – August 2018 | Waterloo, ON

- Utilized **AutoCAD** for complete design of sensor parts used on-board the Waterloo pod within 4 days.
- Demonstrated proficiency with circuit fabrication through creating sensor circuits that allowed operations of on-board sensors.

PROJECTS

HEARTBEATS | Android Phone App

September 2018 – Present

- Developed an image-processing algorithm using **Java** for determining an app user's heart rate by detecting periodic pulses in their left hand via camera and flash.
- Utilized **Android Studio** to streamline app debugging and development initiatives.
- Integrated image processing methods by using **OpenCV** and object-oriented concepts such as interfaces for ease of obtaining data from a camera preview for analysis.

ILLYAMYSHAKOV.COM | Portfolio Website

May 2018 – Present

- Utilized **HTML**, **CSS**, and **JavaScript** to construct personal portfolio website showcasing sections such as past employment experiences, resume and contact information.
- Designed UX using **Bootstrap** framework to streamline website development for a more user-friendly website.