

Yuval Padova

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ABOUT

An electrical/computer engineer looking for a full-time job in software engineering around the central district. Creative, enthusiast, people person, functioning well under pressure and mostly autodidactic.

EDUCATION

B.sc in Electrical and Computer Engineering

The Hebrew University of Jerusalem

10/2014 - 07/2018

Micro-electronics department.

Excellent Engineering Project Award winner ★

Alert & detection of "Equinus Gait" Anomaly in CP kids

Developed a device that alerts CP kids when a walking disorder happens.

- Creating and analyzing Large data sets.
- Design an algorithm in C/C++ for Arduino.
- Integrate various sensors and components.
- Implement and design the device to ensure good UI.

EXPERIENCE

Harman Science Library, Jerusalem — *computing net assistant*

10/ 2015 - 07/2018

Student position.

MKS instruments Israel LTD, Carmiel — *testing, QA*

10/2013 - 04/2014

Testing and assembling various components for temperature controllers. Resolved issues for defective parts. Experienced "5s" method for optimization.

MILITARY SERVICE

Anti-Aircraft Force, Patriot & Iron-Dome, unit 947

11/2009 - 11/2012

- Class commander of 12 soldiers. Planned training and routine schedule.
- Involved in Iron dome operational process.
- Selected as member of the RAMATKAL honor soldiers 2012.

SKILLS

- Object Oriented Programming
- Image Processing
- Machine Learning
- Front-end Design

LANGUAGES

- Hebrew - mother tongue.
- English - fluent in speech, read and write.

PROGRAMMING

Python
Java
HTML5
CSS3
JavaScript
Vue.js

Adobe:

Photoshop
illustrator

