

Contact info

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Yavne

Erez Zomer

I am a dedicated, hardworking, self-learning and proactive Software Developer with a background in IT Operations and team management. I have a good understanding of IT infrastructure and Linux OS. I am currently looking for interesting opportunities to utilize my versatile background and become a valueable asset to the organization I work for.

Experience

2020-2021

Robotics System Engineer | Elbit Systems - C4I Division

- System engineering of command and control system for various autonomous platforms (in air and in ground).
- Design system overall route planning solution.
- Design system solution for automatic departure and landing (airfield control) of flying platforms.
- Engage with software and algorithmic teams to solve problems in areas as route planning and decision making in various situations.

2019 – 2020

Robotics Software Engineer | Caja Robotics

- C++ and python development over Linux and ROS.
- Designed and developed a sophisticated controller which controls 3 simultaneously moving axes in a robotic forklift using ROS_Control and ROS action server.
- Developed an Integration tool using python and Flask Web Application for robot maintenance procedures such as configuration and installation of various hardware components.

2016 – 2017

Cyber Analyst Student | CERT-IL | Dell EMC

Initial response for citizens and organizations suffering from cyber attacks.

2010 – 2011

IT Infrastructure Consultant | We-Ankor

Design, implement and support state of the art server, storage and virtualization networking infrastructure technologies (IBM, NetApp, VMware and CISCO).

Education

2012 - 2017

BSC in Mechanical Engineering | Ben-Gurion University

Final project: Dynamic simulation with 10 DOF powered by Simulink.

Courses

2019

Robotics Software Engineer Nanodegree | Udacity

- Gazebo Simulator – multiple models environment design.
- ROS – mobile robot design on top of packages and plugins
- Localization – Kalman and Monte Carlo filters.
- Mapping & SLAM.
- Path planning and navigation.

Military Service

2006 - 2010

System Team leader | 8200 Unit

- Established and implemented infrastructure for software systems.

Mechanical Engineering Experience

2017 - 2018

Mechanical Design Engineer | Flex R&D

- Mechanical design in SolidWorks environment.

Languages

Hebrew

English

Professional Skills

C

C++

Python

OOP

Linux

Ros

Git

Flask