**Software Developer - Roy Ancri**

054-2194832 | roy9133@gmail.com | Tel-Aviv   
GitHub: <https://github.com/royanc>   
Linkedin: <https://www.linkedin.com/in/roy-ancri-a88232173/>

* Looking for a junior **software\algorithm developer** positions using **Python, Java and C\C++** programming language.
* Communication systems EngineeringB.Sc. graduated, Ben-Gurion University.
* Experience in design and development of software projects from end-to-end.

**Education:**

**2014 – 2019**: **Ben-Gurion University:**  
B.Sc. Communication systems Engineering (Computer Science and Electrical Engineering).  
**2006 – 2009: Amal High School:**   
Computer science, Physics and Mathematica at a level of five study units.

**Projects & Skills:**

* **Location Detection algorithm** (Graduation project, **Python**):
* Increased the accuracy of the user's location assessment by using different clustering techniques and considering the antenna's characteristics.
* Inferred the user's point of interest and daily routes using different Markov model's   
  variations.
* **Radio over IP** (**C**):
* Designed and implemented server and client architecture that communicate using TCP connections and different multicast group for each channel.
* **Kaggle's competition** (**Python**):
* Predicted pilot's physiological state using classifying algorithms such as Random Forest, Gradient boosting, etc.
* **Embedded systems** (**C** – MSP430 microcontroller):
* "Hit the mole" game, synchronized between UART functions, timers, and communication between different microcontrollers.
* Designed an Access point & end-device that communicating using RF protocol.
* **Experience with: Java, C, C++, Python** (+working with GIS), machine learning, OO design, MongoDB, SQL.

**Military:** **2009 – 2012**: **Commander and medic** at the reconnaissance department in Givaty unit - rank at release – Staff Sergeant.  
**Others: 2016 – present**: Tutor, teaching students studying Computer Science and Electrical Engineering. Tutoring volunteering for students with disadvantage economic ability.