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| **Jonatan Ben Tolila**  Mobile: 052-5970543 Email: jbt1991123@gmail.com ID: 304944663  Education   * 2015: Successfully completed BAHAD 1 - Officer Course. Rank at Discharge: Captain. * 2011-2015: B.Sc. Electronic Engineering, JCE College, Academic ATUDA Program. Final Project:   Wireless communication between two TI-MSP430F5529 and sensors in High-Level C++.   * 2009-2011: Electronic Practical Engineering, Haifa Air Force College of Technology. Final Project:   Programming for 80C51 microcontroller and peripherals in Low-Level ASSEMBLY.  Employment Experience  **2018-2020: Systems Engineer and Product Developer, Technology and Maintenance Corps, IDF.**   * Complex Real- Time Embedded Software Development for Bare-metal Arduino in C++. * Multidisciplinary product development (NPD), Gathering characterization and Systems design. * Hands-on experience with multi-sensor projects (IMU, Lidar, gimbals, motors, etc.) via various communication protocols (RS232, CAN, I2C, SPI). * Technical management, performing experiments for clients and working with manufacturing factories.   **2016-2018: Systems Engineer at Rochev-Shamayim project, Technology and Maintenance Corps, IDF.**   * Leading a large-scale multidisciplinary development project (UAV). * Technical investigations of irregular events or inconsistencies. * Working with military industries (Elbit, Rafael etc.) and various inter-military sections. * Leading of project reviews (CDR, TRR) and flying experiments. * Requirements characterization.   **2011-2015: Operator and Integrator practical engineer, Michmas Electronics**   * Assembling and QC testing for electromechanical systems. * Thoroughness and Efficiency in carrying out assignments while keeping in the timetable.   Additional Skills  Interpersonal relations, organization capabilities, thoroughness, teamwork, high motivation, responsibility, creative thinking and always looking for new challenges.  Languages   * Hebrew – Native * English – High Fluency   **\*Recommendations will be provided by demand** |