

Zaid Abu-Tarboush

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| EDUCATION | The Hashemite University , Jordan, Zarqa ▪ B.Sc. in Electrical Engineering ▪ Relevant Coursework: C++, Assembly Language and Microprocessor Systems, Digital Logic, Digital Communication Network, Digital Signal Processing | Sep 2015 – Jan 2020 |
| LANGUAGES & TECHNOLOGIES | Python, x86 Assembly, Java, Android Programming, Arduino, Octave, MATLAB, Git/GitHub, HTML5/CSS3 | |
| SELECTED PROJECTS | Hashemite University Student Portal Python API Wrapper (2018) <ul style="list-style-type: none">▪ Designed a web scrapper for making a big dataset for machine learning purposes▪ Built services upon the portal's services such as showing statistics about registration status, courses, and grades▪ Used parsing technologies such as 'beautifulsoup4' and web-drivers like Selenium Implementation of Arduino Sun-Tracking Solar Panel (2018) <ul style="list-style-type: none">▪ Implemented light-controlled variable resistor scheme to ensure the sun is perpendicular to the solar panel▪ Improved decision-making process by adding multiple periodic tests such as check if the clouds are covering the solar panel Assembly Tic-Tac-Toc (2017) <ul style="list-style-type: none">▪ Designed and optimized interface drawing speed using macros and routines▪ Enhanced win-checking process to be 4 times faster using greedy algorithm approach | |
| ADDITIONAL EXPERIENCE | ACM-ICPC Local Qualifier Volunteer , Hashemite University ▪ Supervised a team of 3, coordinated to assist participants ▪ Observed and administered venues to ensure integrity and fairness of the contest | Jul 2016 |
| | Google Developers Group DevFest Hackathon , Amman, Jordan ▪ Designed location-dependant Android personal assistant using Google Maps | Nov 2013 |
| PROFESSIONAL AFFILIATIONS & ACTIVITIES | IEEE Webmaster , Hashemite University Student Branch ▪ Developed and maintained Robotics & Automation Society website using WordPress | Aug 2016 – Aug 2017 |