

CURRICULUM VITAE



Individual Notice

Name: DARKAL

First Name: Tabarak

Birth-Date: 14/ 1/ 1993

Nationality: Syrian.

Establishment: Higher Institute for laser research and applications, Damascus University, Syria

Function: Engineer.

E-Mail: tabarak241@gmail.com

Languages: Arabic (Mother language), English (good).

Scientific qualification:

- License of Bachelor in Biomedical engineering. Biomedical Engineering Department, Faculty of Mechanical and Electrical Engineering, Damascus University.
- Master student in “Radiation protection and the safety of radiation sources” at the Dept. of Physics, Faculty of Sciences, Damascus University. Thesis title: Estimation of radiation dose for patients in Computed tomography based on DICOM headers.
- Certificate of Achievement in “Human Resources Training Program”. Syrian Enterprise and Business Centre (SKILLS), Damascus, Syria.

Computer skills:

ICDL, MATLAB, C++

Teaching experience:

Practical Course in “Biofluids Mechanics” in the academic year 2017 - 2018, a 2nd year course in the Biomedical Engineering Department, Faculty of Mechanical and Electrical Engineering, Damascus University.

Projects:

- Darkal, T., Mariam, M., and Anka, W., 2014: “Light Curing System”, a 4th year project, in the Biomedical Engineering Department, Faculty of Mechanical and Electrical Engineering, Damascus University.
- Darkal, T., Al-Karta, A., AND Rajeh, N., 2015: “The Device for Bench Alignment of the Prothesis”. A Graduation project for Bachelor degree in Biomedical Engineering, in the Biomedical Engineering Department, Faculty of Mechanical and Electrical Engineering, Damascus University.

Employment:

Higher Institute for laser research and applications, BioMedical Photonics Laboratory, Damascus University, since 2019 up to date.

Publications:

Darkal, T., AlKhatib, A., and Lahfi, Y. 2021: Evaluation of Patient Radiation dose in computed tomography at Al-bayrouni University hospital Accepted in the Magazine of the Basic Sciences at Damascus University.