HILA POLLAK

BIO-ENGINEERING | PHYSICS | BIOLOGY

PROFESSIONAL SUMMARY

Electrical Engineer specializing in Bio-engineering M.Sc., Bio-physics B.Sc. Skills: I have a developed mechanical sense, analytical & creative thinking, high self-learning ability and enjoy working in a social and team environment.

Seeking an interesting and challenging position with significance and influence requiring high level thinking where I can apply my skills.

PERSONAL DETAILS

Phone
0546556293

E-Mail
hilapollak@gmail.com

LinkedIn
www.linkedin.com/in/hila-pollak

SKILLS

- Python
- MATLAB
- Excel

EDUCATION

M.Sc.

Electrical engineering, specializing in bio-engineering

Thesis

Bar-Ilan University

GPA: 92

B.Sc.

Bio-physics

Bar-Ilan University

GPA: 83

WORK EXPERIENCE

ERP Project manager
2019 – today
'Priority' project manager at a large pharmaceutical company. Managing and leading a project of planning processes and information systems including:

- Improvement, efficiency and development of factory processes.
- Computerization of the factory processes using 'Priority' software, improving and facilitating data management.
- Responsible for planning the ERP system validation project, ensuring that validation functionalities are executed according to the requirements and for authoring the validation documents.

Research in bio-engineering lab – BAR ILAN UNIVERSITY
2016 – 2019
Research in Fluorescence Imaging and Microscopy
Bio-engineering lab, Prof. Rachela Popovtzer.

- Creating a variety of microenvironments.
- Inserting of fluorescence microsphere particles to microenvironments.
- Sensing, mapping and characterizing microenvironments by fluorescence microspheres using anisotropy measurements and analysis by MATLAB.

Teaching assistant – BAR ILAN UNIVERSITY
2017 – 2018
Teaching assistant of Advanced Bio-engineering Laboratory course
Faculty of engineering, Bar-Ilan University

Student job in Biophysics lab – BAR ILAN UNIVERSITY
2015 – 2016
Student job, Biophysics lab, Dr. Yoni Toker
Institute for Nanotechnology, Bar-Ilan University

- Simulating nanoparticle behavior in MATLAB
- Fabricating and measuring nanoparticle clusters using mass spectrometry