Yusuf O. Artan

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Education:

Illinois Institute of Technology   Chicago,IL

PhD candidate: Electrical Engineering

Lehigh University   Bethlehem, PA

M.S: Electrical Engineering

Rensselaer Polytechnic Institute   Troy, NY
B. S: Electrical Engineering

Skills:

Programming Skill: C, C++ programming in Unix & Windows (intermediate)

MATLAB (advanced)

Shell Scripting (intermediate)

Libraries: OpenCV

Operating Systems: Linux, Unix, Windows NT/XP

Applications: MATLAB, Maple, LATEX

CAD: P-Spice, Solidworks.

Research Experience:

Graduate Research Assistant, Medical Imaging Research Center, IIT   Prof. Yetik

Performed research on prostate cancer segmentation using multispectral MR images.

- Worked on segmentation algorithms for prostate cancer segmentation.
- Introduced a cost sensitive extension of Conditional Random Fields for segmentation purposes.

Graduate Research Assistant, Lehigh University   Prof. Blum

Performed innovative research on detection and classification theory to develop energy efficient sensor networks

- Developed a novel classification approach in distributed systems.
- Gained experience in working with wireless networks.
- Gained sound knowledge in Programming in various languages like C, Matlab.

Undergraduate Summer Intern, Drexel University

I worked as a summer intern on developing models for blood coagulation process**.**

- Developing Matlab codes for solving differential equations that describe the blood coagulation steps.
- Gained experience in working as a team.

Activities and Awards: Tau Beta Pi Sophomore Award (RPI), 2004

RPI Honors Convocation Award,   2004