- **Research and simulation on analogue modulation methods using MATLAB** as a main project for Telecommunications I course, Dr. Mohammad Molavi-Kakhki. I ranked **1st** among all B.Sc. students in this course.
- **Radom transform and filtered back projection method** as a main project for Digital Image Processing course, Dr. Alireza Seyedin. I ranked **1st** among all M.Sc. students in this course.

- **Design and simulation of OPAMP-RC oscillators using PSpice**, as a main project for Electronic III course, Dr. Reza Lotfi. I ranked **1st** in class for this project.

- **Design and simulation of thin-film optical filters using MATLAB**, as a main project for Optical Engineering course, Dr. Mehrdad Shokooh-Saremi. I ranked **1st** in class for this project.

- **Design and simulation of CPFSK communication system using MATLAB and Simulink** as a main project for advanced communication theory course, Dr. Mohammad Molavi-Kakhki.
- **Design and simulation of universal motor speed controller** as a main project for industrial electronics course, Dr. Mohammad Monfared.
- A thorough study on different tone mapping operators and methods for recovering radiance map in high dynamic range imaging, as part of my B.Sc. project under supervision of Dr. Abbas Ebrahimi-Moghadam.

- A thorough study on different image quality assessment methods, as part of my M.Sc. project under supervision of Dr. Abbas Ebrahimi-Moghadam.