Course program and reading list
Semester 1 Year 2022

School: Efi Arazi School of Computer Science B.Sc

Open Source Code Workshop

Lecturer:
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Course No.: 3362  Course Type: Elective  Weekly Hours: 3  Credit: 3

Course Requirements: Final Paper  Group Code: 221336200  Language: Hebrew

Prerequisites

Prerequisite:
52 - Calculus I
53 - Calculus II
54 - Linear Algebra I
55 - Linear Algebra II
56 - Discrete Mathematics
59 - Data Structures
69 - Logic And Set Theory
417 - Introduction To Computer Science
3144 - System Programming in C
Course Description

You will gain practical and technical skillset to excel in the first steps of your tech career. We will practice Open Source development in the same manner as done in the industry.

Course Goals

As Open Source becomes the new industry standard, it is expected by software companies that developers will have the background and skills required to utilize the potential of that field. Through the course, you will be exposed to the Open Source culture, ecosystem and tech stack. Topics that will be covered: modern tools and workflows (Git, GitHub, Vagrant), Application frameworks (Django), Front end, Back end, Data modeling, Automated testing (lining, unit, functional)

Grading

Project and assignments.

It is mandatory to submit and pass all of the assignments and project.

Reading List

None