Github

<https://github.com/osamamagdy?tab=repositories&q=se&type=&language=&sort=>

<https://github.com/aymanElakwah/Search_Engine>

crawling

<https://www.javatpoint.com/web-crawler-java>

<https://www.section.io/engineering-education/how-to-build-a-web-crawler-with-java/>

another github

<https://github.com/omniasaleh/Search-Engine>

<https://github.com/DinaAdib/Search-Engine>

<https://github.com/AhmedMahmoud98/search-engine>

mongo db

<https://www.youtube.com/watch?v=zkARbMlweO0&list=PLMYF6NkLrdN-XN8xmNeznvIcfL_RySLXd>

<https://www.youtube.com/watch?v=ExcRbA7fy_A&list=PL4cUxeGkcC9h77dJ-QJlwGlZlTd4ecZOA>

<https://www.youtube.com/watch?v=9OPP_1eAENg&list=PL4cUxeGkcC9jpvoYriLI0bY8DOgWZfi6u>

<https://www.youtube.com/watch?v=L5ORfm4i350&list=PLdnyVeMcpY7_Q3ms_ykCBgXOeCFGDleS2>

indexing

<http://www.ardendertat.com/2011/05/30/how-to-implement-a-search-engine-part-1-create-index/>