

At this point I would like to pursue a career in Software Development. The essential skills required in this career are: being able to select an appropriate programming language to code a solution, programming the solution; applying software engineering methods; incorporating security features and understanding networking as well as computer systems; the use of IDEs and relevant APIs; the use of software building tools which assist in facets like configuration control and fault finding; problem-solving, critical thinking, and using correct algorithms; teamwork and good communication; application of ethics and codes of conduct (Spinellis, 2018)

Desirable skills are: knowledge of repositories, creativity, leadership, ability to be up-to-speed with latest trends; good technical report writing

#### References:

Spinellis, D.(2018) Being a Software Developer. in IEEE Software vol. 35 (no. 4): 4-7. DOI: 10.1109/MS.2018.2801555.