

Professional Roadmap

Submit Here as PDF : <https://classroom.github.com/a/vToE5rJv>

Instructions:

Read the article below to see how you can create your professional roadmap and plan your career path.

1. <https://www.businessnewsdaily.com/6432-create-career-roadmap.html>

Watch the video below to see how you can create SMART goals

1. <https://youtu.be/LQ5Uj1nryBc>

Write down goals for your roadmap. Define where you want to go in your career, or what you want to do.

Fill in the table with the next steps to build your roadmap

Set Deadlines & Execute your next steps so you can follow your roadmap.

Based on your professional vision, create your plan to help you get there. Complete the following template to create your own professional roadmap. Your goals should be S.M.A.R.T. (specific, measurable, ambitious, relevant, and timely), with milestones you can accomplish along the way. Then, complete your action plan on a weekly basis that will help you track your progress and adjust course as needed.

Goal(s)	Develop as an engineer in various areas such as DevOps, BE, etc.
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Key Element	What helps you accelerate your career?	Steps for Success
Relevance and Rigor of Course of Study	Explore and demonstrate your interests through courses and certifications in your field	Use tools like udemy or codecademy to deepen my knowledge in fields that I have an interest in.
Coding Proficiency and Communication	Demonstrate skills with algorithms, arrays, loops, pointers, strings, data structures, and recursion by solving problems in <15 minutes, with strong oral communication	Complete the hackerranks assigned in a timely manner, and supplement that with tools like neetcode and visual algo.
Coding Proficiency and Experience	Demonstrate skills and interests with existing projects and problems solved by showcasing them.	Brainstorm ideas, pick the best one, and build a project around it with technologies that are relevant. Then upload those projects to GitHub to showcase the experience and work.
Professional Exposure and Internships	Internships before graduation demonstrate professional exposure and are a key indicator that you will be successful on the job, especially for those with lower GPAs	Can't really apply for internships anymore, unless I lie about grad date. In order to prepare for the 2026 new grad cycle I'll be studying system design on my own since it's a topic that is often asked in NG interviews. Additionally, I will continue prepping for leetcode style questions.
Leadership and Extracurricular Activities	Involvement with professional societies (e.g. ACM, WiCS, WiCyS, NSBE, SHPE) is helpful, as well as joining extracurriculars and taking on leadership roles (service, career/vocational, social, cultural and athletic orgs)	Keep joining colorstack events, and attending networking events with companies whenever possible.
Mentors and Professional Network	Mentors, including professors, university staff, and coworkers met through internships can help open doors and secure opportunities that might be difficult otherwise. Attending professional conferences in your industry will help build your network	Keep in touch with the engineers I met through my internship so the connection doesn't fade.
Peers, Social Networks, and Support Groups	Friends, family and colleagues are members of your support networks on whom you can rely on when times get tough, as well as help you expand the breadth of opportunities that are available	Introduce myself to my classmates and try to build long lasting friendships.

Result: Improved view of the future and increased probability of success