Full Name: Soham T. Umbare

Gender: Male

Country: Bharat

City: Tembhurni

Date of Birth: 18-06-2005

Class: 12th

Educational Board: Maharashtra Board

10th Marks: 100%

11th Marks: 77%

Stream: PCM

Entrance Exam Preparation: JEE

Study Abroad: Yes

Father's Name: Tanaji

Mother's Name: Nandini

Father's Occupation: Teacher

Mother's Occupation: Teacher

Father's Annual Income: 8,00,000

Future Goal: computer engineer

Interest Field Areas: reasearch

Sports: volleyball

CS Interests: coding

Community Service: tree plantation

Entrepreneurship Interests: research

Skills: coding, webdev, ai, ml, RAG

Activity 1:   Made the brainlink website for question answering and notes sharing

Activity 2:   made various AI porject

Activity 3:   Made the Roadmap maker ai from the student input using RAG techniques

Student Roadmap

Soham T. Umbare's Roadmap

Guidelines -

1. Before you begin going through your roadmap, keep the following in your mind:

   - Prioritize your tasks and allocate time effectively to avoid burnout.

   - Stick to a regular routine and have a consistent sleep schedule.

   - Practice self-care by taking breaks, eating nutritious meals, and staying hydrated.

   - Regular exercise, meditation, and relaxation techniques will help manage stress levels.

   - Maintain a positive mindset and practice self-compassion.

Main checklist to complete for applications -

   - Register and prepare for all upcoming events and competitions well in advance.

   - Research required materials, eligibility criteria, and deadlines for each event.

   - Create a study schedule and stick to it, focusing on the specific skills needed for each event.

   - Utilize resources such as textbooks, online resources, and study groups to enhance your knowledge.

Monthly Tasks -

April -

   - Website: University of Chicago Summer Session (https://uchicagosummersession.org/)

   - Complete any necessary applications for the summer session and ensure all documents are submitted on time.

   - Research available course offerings and select those that align with your academic and career goals.

   - Prepare for upcoming computer science competitions by practicing problem-solving and algorithms.

- Engage in regular exercise and relaxation activities to maintain a healthy work-life balance.

May -

- Website: American Collegiate Programming Contest (ACPC) (https://www.acsl.org/)

- Collaborate with team members to prepare for the ACPC competition, focusing on improving team

communication and problem-solving skills.

- Attend webinars or workshops to learn new programming techniques and strategies.

- Join study groups or online forums to discuss problems and seek solutions.

- Keep a positive mindset and maintain a healthy work-life balance.

June -

- Website: Facebook Hacker Cup (https://www.facebook.com/codingcompetitions/hackercup)

- Start preparing for the Facebook Hacker Cup competition by practicing coding challenges and

algorithms.

- Seek mentorship from industry professionals to gain insights into the competition and improve

your skills.

- Participate in local hackathons or coding challenges to gain practical experience.

- Take regular breaks and engage in self-care activities to manage stress and maintain a

positive

attitude.

July -

- No major events, focus on relaxation and rejuvenation.

- Travel, visit family, or engage in hobbies to refresh your mind and recharge your batteries.

- Research and explore new programming languages or technologies to expand your skill set.

- Read books on artificial intelligence, machine learning, or computer engineering to stay updated with the latest developments.

August -

- Website: Toyota Dream Car Art Contest (Toyota Dream Car) (https://www.toyotadreamcar.com/)

- Brainstorm creative car designs for the Toyota Dream Car Art Contest.

- Develop a clear and compelling concept for your design, highlighting innovative features and benefits.

- Research and gather inspiration from existing vehicle designs and technological advancements.

- Participate in local art competitions or workshops to improve your presentation skills.

September -

- Website: TopCoder Open (https://www.topcoder.com/)

- Register for the TopCoder Open competition and familiarize yourself with the platform.

- Practice coding challenges and problem-solving skills to improve your performance.

- Leverage online resources such as textbooks, tutorials, and study groups to enhance your knowledge.

- Participate in local programming clubs or hackathons to gain practical experience.

October -

- Website: Facebook Hacker Cup (https://www.facebook.com/codingcompetitions/hackercup)

- Continue practicing for the Facebook Hacker Cup competition, focusing on improving your coding speed and accuracy.

- Seek mentorship from experienced programmers to gain insights into the competition and

improve

your skills.

- Participate in local hackathons or coding challenges to gain practical experience.

- Take regular breaks to avoid burnout and maintain a healthy work-life balance.

November -

- No major events, focus on relaxation and self-improvement.

- Travel, visit family, or engage in hobbies to refresh your mind and recharge your batteries.

- Learn a new programming language or technology to expand your skill set.

- Read books on entrepreneurship or business to gain insights into the startup world.

December -

- Website: USA Computing Olympiad (USACO) (http://www.usaco.org/)

- Register for the USACO competition and familiarize yourself with the platform.

- Practice algorithmic thinking and problem-solving skills to improve your performance.

- Leverage online resources such as textbooks, tutorials, and study groups to enhance your

knowledge.

- Participate in local programming clubs or hackathons to gain practical experience.

January -

- Website: Summer at Stanford (formerly EPGY) (https://summer.stanford.edu/)

- Register for the Summer at Stanford program, ensuring to select courses that align with your

academic and career goals.

- Research available course offerings and select those that will challenge you and provide

valuable learning experiences.

- Prepare for upcoming computer science competitions by practicing problem-solving and

algorithms.

  - Engage in regular exercise and relaxation activities to maintain a healthy work-life balance.

February -

  - Website: Summer at Stanford (formerly EPGY) (https://summer.stanford.edu/)

  - Participate in the Summer at Stanford program, actively engaging in class discussions and
activities.

  - Collaborate with peers to work on projects and gain practical experience.

  - Seek mentorship from university faculty to gain insights into the program and industry.

  - Engage in self-care activities to manage stress and maintain a positive attitude.

March -

  - Website: Carnegie Mellon University Summer PreCollege Programs (https://summer.cmu.edu/)

  - Register for the Carnegie Mellon University Summer PreCollege Program, ensuring to select
courses that align with your academic and career goals.

  - Research available course offerings and select those that will challenge you and provide
valuable learning experiences.

  - Prepare for upcoming computer science competitions by practicing problem-solving and
algorithms.

  - Engage in regular exercise and relaxation activities to maintain a healthy work-life balance.

April -

  - Website: MIT Launch (https://mitlaunch.org/)

  - Register for the MIT Launch program, ensuring to select courses that align with your academic
and career goals.

  - Research available course offerings and select those that will challenge you and provide

valuable learning experiences.

- Prepare for upcoming computer science competitions by practicing problem-solving and algorithms.

- Engage in regular exercise and relaxation activities to maintain a healthy work-life balance.