

AP Computer Science Summer Job Shadowing Assignment

1. Use your network of friends and family members to identify a company and/ or person who programs for their living.
2. Call the company and/ or person identified.
 - a. Company: Explain that you are going to study computer science by taking the AP Computer Science class in high school beginning this fall and that you have been assigned to shadow and interview a professional who programs as part of their job. Ask who you might speak with.
 - b. Individual: Explain that you are going to study computer science by taking the AP Computer Science class in high school beginning this fall and (your contact's name) suggested you contact him/ her. Ask if they would be willing to allow you to visit them at work and conduct an informational interview about their job and career journey.
3. Once you have a professional agreeing to your shadow day, arrange a time, date and location to meet (at the office).
 - a. DO NOT AGREE TO MEET ANYONE ANYPLACE EXCEPT FOR THEIR PLACE OF EMPLOYMENT.
 - b. IF YOUR "MENTOR" WORKS FOR HIM/ HERSELF AT HOME, ASK THAT YOU MEET AT A COFFEE SHOP OR OTHER PUBLIC LOCATION.
4. Your shadow day should include an informational interview, a tour of the workplace and introductions to co-workers. A typical shadow experience takes 2 hours.
5. Before your shadow, research the company.
 - a. What does it create? Make?
 - b. What is the company's mission statement?
6. Before your shadow, research your mentor.
 - a. Look at LinkedIn. What can you learn about your mentor's career journey?
 - b. What can you learn about his/ her professional network?
7. While at the shadow location, get a picture of yourself and your mentor to share with our class in September.
8. After the shadow visit, write your mentor a thank you note. A thank you note includes what you learned from your mentor and a thank you for the time he/ she took to speak with you. Your thank you note can be snail mailed or emailed. It should be sent within 36 hours of your visit.

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Computer Scientist Name: _____

Computer Scientist's email: _____

Computer Scientist's phone number: _____

Computer Scientist Employer: _____

Type of Business: _____

Date and time of shadow: _____ Location: _____

QUESTIONS TO ASK DURING YOUR COMPUTER SCIENCE JOB SHADOW

- What is your job title?
- What are your job responsibilities?
- Why did you choose this career?
- What type of education or training do you need to have this job? Did you go to college? Where did you go? What kind of classes did you have to take?
- What do you like about your career/ job? What don't you like?
- Please describe your typical day or week at your job. What are the work hours?
- How did you get your job with this employer?
- Explain your career journey.
- What are emerging trends in computer science related careers?
- How do you stay current in your profession?
- If you were to start over, would you pick this career?
- What advice would you give to someone interested in computer programming as a career?
- What advice about coding would you give to someone not interested in programming as a career?
- Develop several of your own questions.
 - About the company.
 - About the competitors (for that industry).
 - About the competition for the best computer scientists (human resources). DO NOT ASK ABOUT SALARY.
 - Your own ideas for questioning...

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What you will need in September concerning this assignment:

1. A picture of you and your mentor.
2. A copy of your thank you note.
3. Expect to present your learning with the class.
 - a. Not a formal written report
 - b. A discussion (see rubric)

Mrs. Fox

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Remind:

- Txt To: 81010, Message: @hg433

Our class website: <https://hhapcs20162017.wordpress.com> (can also access via teacher webpages on high school website-SFox)