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| **The Face of Computer Science** |

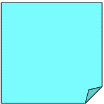
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| **Your Tasks (Mark these off as you go)** |
| Watch changing the face of computer science  Brainstorm characteristics of a software engineer  Compare algorithms  Wrap up  Receive credit for this lab guide |

* **Watch changing the face of computer science**

Let's hear about how you can change the face of CS.

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| <https://youtu.be/uhcA6K8rWp0> |

* **Brainstorm characteristics of a software engineer**



Shape

Description automatically generatedWho, what, or where do you think of when you  
hear the phrase **software engineering**? What emotions do you feel?

**Place**

**Do This:** Write down one word or phrase per sticky note.

**Person**

Shape

Description automatically generatedCome up with as many as you can . . . There are no wrong answers!

**Emotion**

* **Group your ideas**

Combine with another group.

Share the ideas you wrote on your sticky notes with your group members. As a group, identify themes and similarities when looking at all of the sticky notes. Place your sticky notes into groups on your table. It’s up to you how to group them.

* **Take a gallery walk**
* **Wrap-up**

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| --- | --- |
| In the first part of this activity, you had to solve a problem. In the second part of this activity, you explored algorithms. In the space below write a definition for each of these terms. | |
| **Problem** |  |
| **Algorithm** |  |

Pick a person in your group to share out the following prompts you answered above.

* Which problems in the first part of this activity were similar? Explain.
* Which algorithms were similar? Explain.
* What is a problem?
* What is an algorithm?
* What is a fun fact about yourself? What is fun fact about each person in your group?
* **Receive credit for this lab guide**

Submit this portion of the lab to Pluska to receive credit for the lab guide.