**This week…**

Overview: Students will research how technology is utilized in different careers, evaluating desirable soft skills and exploring tools for collaboration such as GitHub.

CS Standards:

* CSL 1.7.3 Discuss diverse careers that are influenced by computer science and its availability to all regardless of background.
* CSL 1.7.2 Identify desired technical and soft skills (e.g.collaboration, communication,problem solving, teamwork) that can be enhanced by computer science.
* CSL 1.6.1 Create programs to solve problems of level-appropriate complexity applying best practices of program design and format (e.g. descriptive names, documentation, indentation, whitespace)

Learning Activities:

* Review [Soft-skills Description Slides](https://docs.google.com/presentation/d/1iVcUSYicqbOsbXgw64FuoA0Y0taXo5PWHsMia191MWQ/edit#slide=id.g245f776dba_0_20)
* Research software developer jobs in our state and nation-wide
* View a presentation about how [GitHub](https://github.com/) can be used to simplify collaborative software projects

For a Grade

* [Soft Skills Assignment](https://docs.google.com/document/d/1J434ps9ee5qzkYrPpGgDYkRuXspTTqKbWAu_hCiCnrw/edit?usp=sharing)
* [Careers research report](https://docs.google.com/document/d/1IWa-J9XwlUs2VdFGMX9D4n4PwbyDSXEodCaoJ0XmGss/edit?usp=sharing)
* [Create a GitHub account](https://docs.google.com/document/d/1Ybn99wqr_rLkMGOAsS0fCPRdy899V0cTYWRJCNKnisE/edit?usp=sharing)

Equipment: The activities this week work best if students have access to the Internet.

If your students are unable to view the linked Google Docs it could be because your school has blocked out-of-organization links. Solution: You can copy the files into your own school Google drive, or the students may need to logout of their school Google account before clicking on the links.

Key Words:

**GitHub** is a Git (actively maintained open source project) repository (location where data is stored or managed) hosting service that provides a Web-based graphical interface with collaboration features.

Grading: Be vigilant in checking for plagiarism in the research report. Remind (teach) students that they must cite information that they include from outside sources. Recommend students review [Purdue Owl Research and Citation Resource](https://owl.purdue.edu/owl/research_and_citation/resources.html) if need guidance on citations.

The GitHub assignment requires students to submit a link to their GitHub account. They should not earn credit for broken links or links to others’ accounts.

Additional Activities:

* Create a Scavenger Hunt related to different GitHub Resources
* Analyse different characters or historical figures soft skills
* Delve deeper into technology careers and the necessary skill requirements