

Activity 1.3.3 CS and IT Careers

Introduction

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| There are many, varied opportunities for creative people in computer science (CS) and information technology (IT). CS and IT are the fastest-growing career fields within science, technology, engineering, and mathematics jobs.  In this activity, you will explore one of the many categories of CS and IT jobs. | Percent growth in STEM fields projected by the Bureau of Labor Statistics through 2022 |

Materials

* Computer with browser
* Google account with Drive

Procedure

1. Form groups of two as directed by your teacher. Practice introducing yourself professionally with a handshake, eye contact, statement of your name and affiliation, and a friendly greeting.
2. Read the descriptions of the categories of CS and IT jobs listed at <http://www.bls.gov/ooh/computer-and-information-technology/home.htm> . Pick one category to learn more about, and use content within the BLS website to learn more about the category of CS/IT you have chosen.

1. Prepare a brief written summary about the career field you selected. Include the following information:

* Typical salary range
* Education required
* Typical job responsibilities

1. With your partner, prepare an “elevator talk.” You will be limited to 60 seconds or a time constraint as specified by your teacher. Your presentation should summarize the sorts of contributions typically made by people doing the kind of work that you have identified. What do they do? How does their work help other people?
2. Rehearse your talk. Focus on posture, eye contact, and conveying enthusiasm and clarity with your tone.
3. Transcribe your script for the 60-second presentation here.
4. Your teacher will direct how you will present. Your teacher might have each person present individually and coach you on public speaking. Alternatively, your teacher might create groups so that each group includes students focusing on a wide variety of jobs, and each person presents to their group.

Conclusion Questions

1. Which of these jobs sound most interesting to you?
2. What other career-path-related information would you like to know?