

ICS3U/3C Careers Assignment





Goals: - demonstrate an understanding of emerging areas of computer science research;
 - describe postsecondary education and career prospects related to computer studies.

Be successful by: – using the provided links to complete the worksheet
 – create a presentation to share your understanding of the career you choose, job prospects, education requirements etc.

CareerMash Types Comparison

Every CareerMash job fits into one type yet some will fit into more than one category. Some people design and build mobile apps to mashup “innovator” and “builder” career types. Others manage teams and also do technical work, mashing up “leader” with one of the other categories. And so on!

Compare: What CareerMash Type Are You?

	Leader	Innovator	Builder	Problem-Solver
				
Description	Mashup business and tech. They use tech to lead projects and organizations to success. Leaders work with people and make change happen.	Mashup several types of technical skills and knowledge to operate at the cutting edge of the new. Innovators love to learn, analyze and create.	Turn great tech ideas into reality. Builders take big, sometimes complicated ideas and create the applications that bring them to life.	Set up, maintain and resolve tech challenges. On the phone, in the field, or in a repair shop, problem-solvers are the fixers of IT.
Personal qualities	<ul style="list-style-type: none"> • Organized • Determined • Persuasive • Audacious • Resourceful • Risk taker • Communicator 	<ul style="list-style-type: none"> • Creative • Inspired • Leading edge • Imaginative • Resourceful • Ingenious • Curious 	<ul style="list-style-type: none"> • Logical • Organized • Effective • Conscientious 	<ul style="list-style-type: none"> • Analytical • Cooperative • Effective • Curious • Rigorous • Observant • Perceptive • Patient

Which ‘type’ do you think you are? _____

What key words/items above influenced your choice?

Click the following link to take the "CareerMash Quiz" <http://careermash.ca/sites/default/files/quiz/quiz.html>

Which type did the quiz identify you as? _____

(You will either be a leader, innovator, builder or problem solver.)

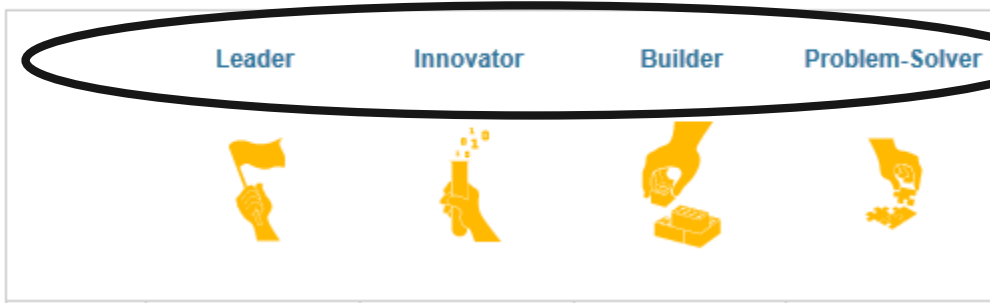
List the possible careers suggested:

-
-
-
-

Did this match your thoughts above? _____

Once you have chosen a category which best describes you and interests you, then click on the link at the top of the chart (Leader, Innovator, Builder or Problem Solver) to see people who fall into these categories. <http://careermash.ca/careers/career-how/careermash-types-comparison> , <http://careermash.ca/careers/meet-the-pros>

Compare: What CareerMash Type Are You?



In the space below, describe and compare two of these people – people who have careers which interest you most.

Person Number 1:

Person Number 2:

Presentation:

Next, Check out the [careers profiles](http://careermash.ca/careers/career-profiles/all-career-profiles) (<http://careermash.ca/careers/career-profiles/all-career-profiles>)

Or use the <http://careermash.ca/careers/find-your-career-mashup> to find a computer related career of interest to you. (Check with your teacher so we don't double up)

Create a presentation about the career you have chosen. Items to include in your presentation are:

- state which CareerMash type you were, include personal examples where this type may be true (or why you don't think it was true)
- a description about the computer related career you have chosen
- what 'type of people' pursue this career
- job prospects & salary
- any related/mashup careers and why you think they are related
- any essential skills or habits
- educational requirements for the career
- 2 institutions where you can receive the required education; (maybe a chart to compare?)
 - describe the program
 - types of courses you would take
 - length of program
 - entrance requirements
 - approximate costs
- are there any non-traditional organizations available to support this career choice (mentoring programs, trade/industry associations, networking/support groups, specialized post-secondary programs)

***Be sure to include your sources in your bibliography / footnotes page. Utilize the web resources lower on this page to get you started but feel free to find others of your own.

RESOURCES

- [University Entrance Requirements \(eINFO\)](#)
- [OntarioColleges.ca](#)
- [Career Links](#)
- [Ontario Skills Passport and Essential Skills](#)
- [ACM Computing Degrees & Careers](#)
- [Career Mashup Site to Finding College & University Programs](#)

Education

- [College & University Programs](#)
- [Business Technology Management](#)
- [Submit a Program](#)
- [Free Online Courses](#)

College & University Programs

It can be tough trying to figure out which post-secondary program is just the right fit for launching your future tech career. There are way too many tech-related university and college programs to list them all here but you can explore a broad range of examples below in the After High School section.

Program Type

- Any -

Degree Type

- Any -

School

- Any -

Location

- Any -

Evaluation Rubric:

Category/Criteria	Level 1	Level 2	Level 3	Level 4
Knowledge/Understanding				
<p>Identify postsecondary educational programs leading to careers in information systems and computer science</p> <p>Describes career choice, duties and workplace.</p> <p>Describe the Essential Skills and work habits that are important for success in their chosen field.</p>	<p>Only a few of the items required are included.</p> <p>Demonstrates limited understanding of content.</p>	<p>Some of the items required are included.</p> <p>Demonstrates some understanding of content.</p>	<p>One or two of the items required are missing from the report.</p> <p>Demonstrates considerable understanding of content.</p>	<p>All items required are included.</p> <p>Demonstrates thorough understanding of content.</p>
Application				
<p>Connection of educational programs to career chosen</p>	<p>Minimal connections made between education program and how it will relate to chosen career.</p>	<p>Some examples given to explain how the post-secondary training will relate to job.</p>	<p>Able to explain how the post-secondary training will relate to job.</p>	<p>Able to clearly explain how the post-secondary training will relate to job.</p>
Communication				
<p>Organization of ideas and information.</p> <p>Sources outlined</p> <p>Spelling</p> <p>Clear expression of ideas.</p>	<p>Report is poorly organized</p> <p>Missing sources.</p> <p>5 or more spelling mistakes.</p> <p>Expresses information with limited effectiveness.</p>	<p>Report is somewhat organized</p> <p>1 to 2 sources.</p> <p>3 or 4 spelling mistakes.</p> <p>Expresses information with some effectiveness.</p>	<p>Report is organized with minor fixes</p> <p>3 to 4 sources</p> <p>1 or 2 spelling mistakes.</p> <p>Expresses information with considerable effectiveness.</p>	<p>Report is thoroughly organized</p> <p>Thorough use of sources to validate information.</p> <p>No spelling mistakes.</p> <p>Expresses information with a high degree of effectiveness.</p>

Feedback: