



# Create a Digital Business Card to Teach Basic Web Technologies and NFC Chips

"No resume no problem"

# TECHNOLOGY AMBASSADOR PROGRAM (TAP)



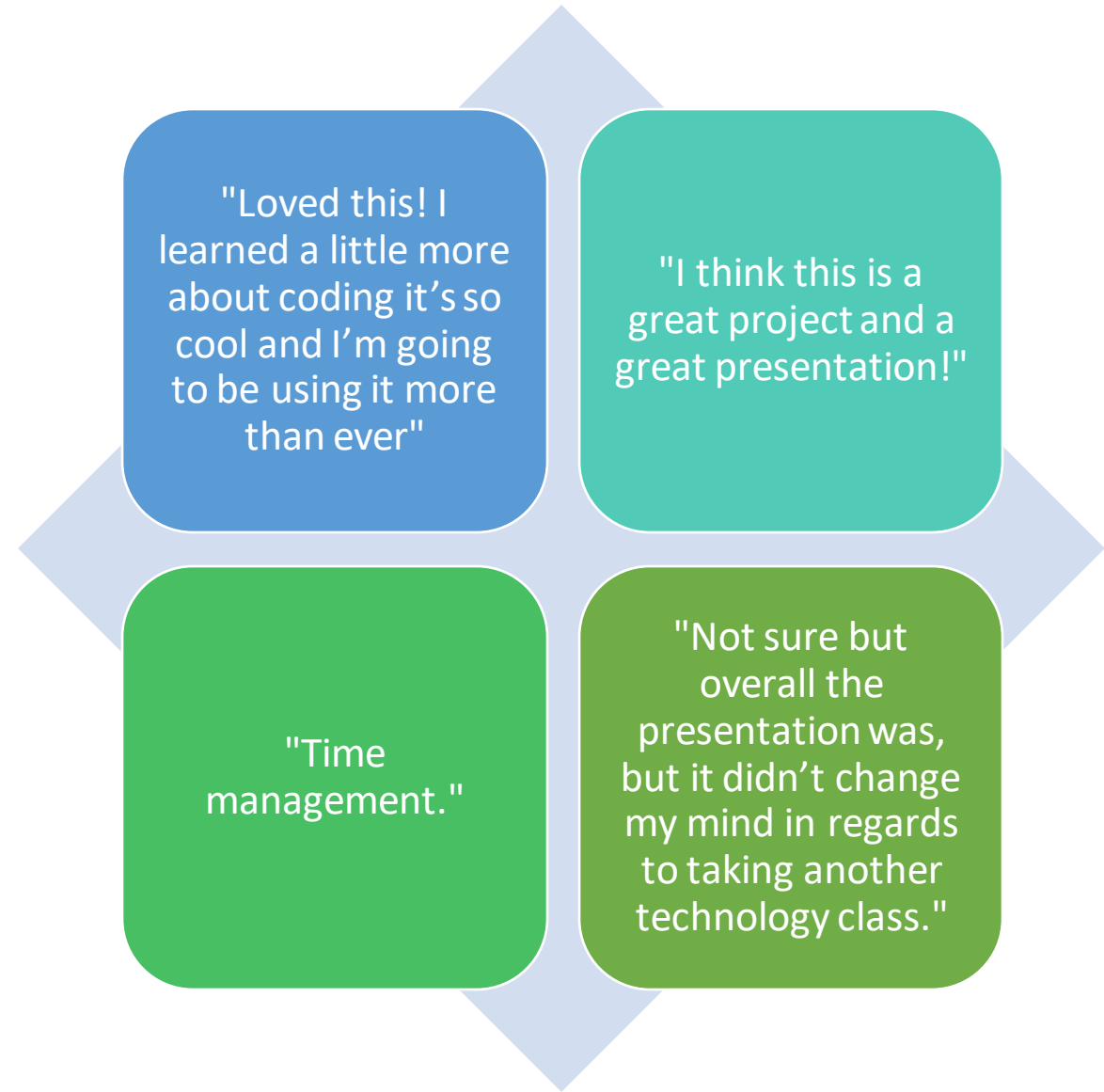
The Technology Ambassadors Program (TAP) aligns with GGC's four pillars

Scholarship  
Leadership  
Service  
Creativity



This award-winning program also addresses a need to increase the number of students who persist in an IT major or minor, particularly those underrepresented in computing.

# Student Feedback



# Goals:

Generate a study for all ages seeking opportunities in:

- Internships
- General networking
- New/advanced positions.

Digital Detailed Business Card with general information that would be on a resume.

Motivate individuals to use/engage with technology to benefit their future.

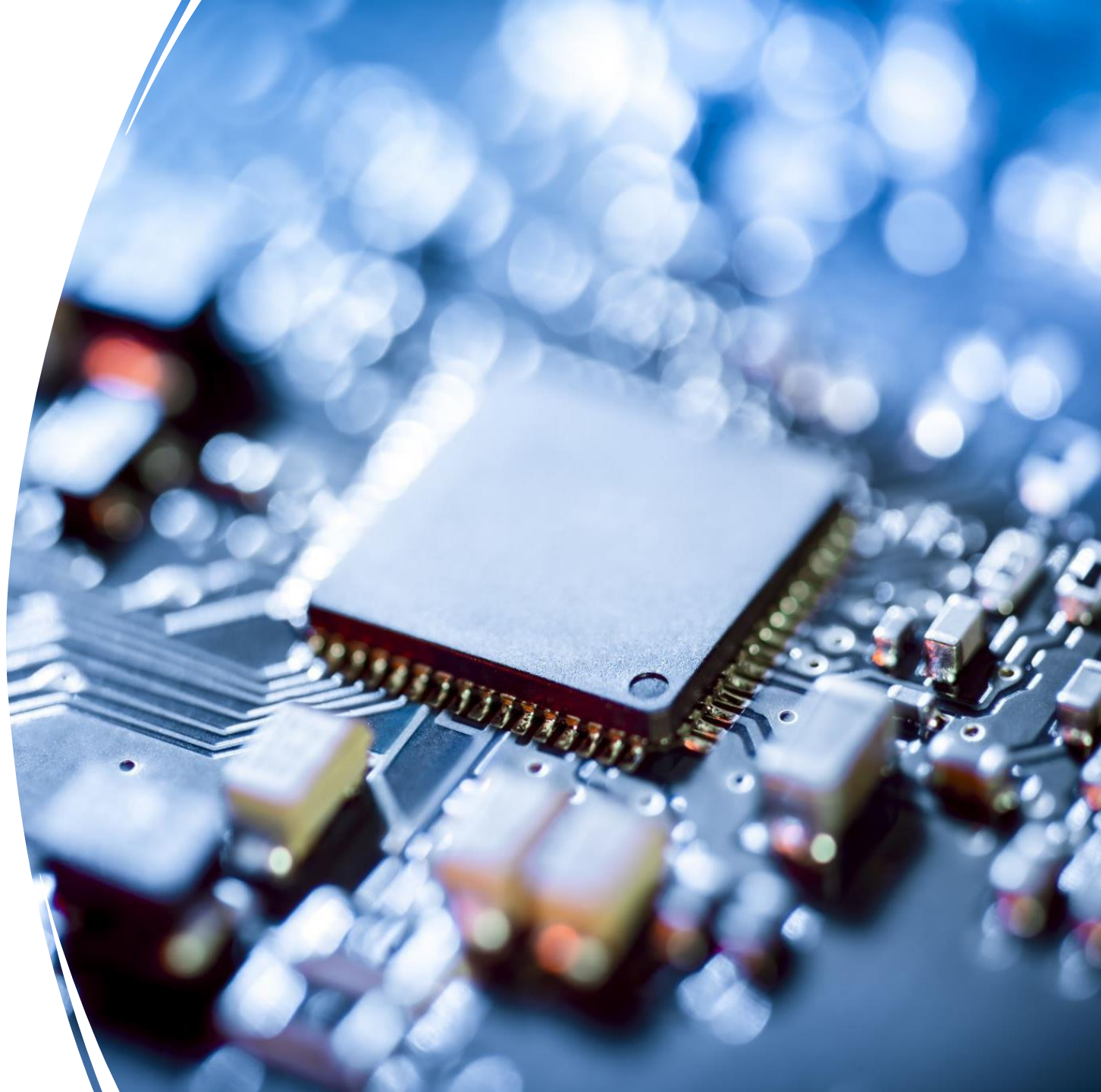
"Forgot my resume.. No Problem!"



# Technology Used and Language

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- NFC chips
- HTML
- CSS
- JavaScript





```
index.html x
3 <head>
4   <meta charset="UTF-8">
5   <!--You can change the content in between the <title>
6   </title> tag below to whatever you want to name your page.
7   It will be viewable in tab at the top of your browser-->
8   <title>Template Page</title>
9   <link rel = "stylesheet" href = "stylesheet.css">
10 </head>
11 <body>
12   <!--If you need to view how the demoPage looks for ideas, you
13   can copy and paste this link
14   into a new tab: https://mywebsite.cameronventimig.repl.co
15   /demoPage.html
16   You can view the code by clicking on the demoPage.html on the
17   left side of the screen.-->
18 <div id = "wrapper">
19   <header>
20     <!--Write your name within the h1 tag below-->
21     <h1>Write Your Name Here</h1>
22   </header>
23   <div class = "container">
24     <div id = "courses">
25       <h2 class = "h2headers">Courses Completed</h2>
26     </div>
27     <div id = "aboutYou">
28       <h2 class = "h2headers">About Me</h2>
29       <!--Write a little about yourself inside the p tag
30       below. Try not to remove the <br> tag-->
31       <p>You could write about anything you would want
```

# Project Description

- Students are creating their own digital business card.
- We demonstrate with a very thorough html mock- up code that is completely editable
- The HTML is commented and broken up into five sections.
- Made for students with no experience in coding.
- Linked it to their very own NFC chip where they can then share it and start networking right away.



# Project Presentations

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# Example Page

index.html ×

```
visit.  
49  
50     Step 1: Add the link to the page you want the user to  
visit.  
51     The href section is where you will put the link to the  
social media page.  
52  
53     Step 2: Add the link to the image address inside of the  
src section of the <a></a> tag.  
54     The src section is where you put the link to the image  
you want to use.  
55     You can find some images we have stored at this link:  
56     https://github.com/TechAmbassadors-GGC/TapIn/tree/main  
/resources/Tap%20In/images  
57     To use an image, simply click on the picture file you  
want, right click the picture, and click copy image address.  
58     Next, paste what you copied in the src part of the a  
(anchor) tag below.  
59  
60     Step 3: Add the alternative text that describes the  
page the user is visiting.  
61     The alt section is a name you put for people that are  
impaired and cannot view your page normally.  
62  
63     You can find an example link on line 51 of the  
demoPage.html on the left side of your screen.  
64     -->  
65     <a href = "" target="_blank"><img class = "image" src =  
"" alt = ""></a>
```



## Cameron Ventimiglia

### Courses Taken

- Programming Fundamentals
- Intermediate Programming
- Advanced Programming
- Advanced Databases
- System Analysis & Design
- Software Development 1
- Software development 2
- Software Testing & QA
- Professional Practice & Ethics
- Introduction to Networks
- Introduction to Programming

### About Me

I am a student at Georgia Gwinnett College, and I am a senior majoring in Software Development. I started off college as a cell biology major, but that changed when I took a programming class. In the programming class, I realized that I really did not like biology anymore and that I wanted to progress further in software development.

### Interesting Projects I have Worked On

#### Create an API that implements the category-partition method

The API we made allowed us to apply a testing method called the category-partition method to a JSON file submitted by a user. The JSON file contained information about function and its parameters. Our job was to parse this file and create all the possible combination of parameters for a given function. We did this by creating an algorithm that would populate a matrix with the correct combinations. Once this was done, the API would write the contents to a text file and return it back to the user. For more information, visit our page: [Category-partition method API](#)

#### Database that tracks a working train system

In this project, I worked with another classmate to design a database that stores information regarding a train system. It tracked information such as: the trains, their cargo, and even their destination.

#### Text-based Adventure Game Using Java

In this Project, I worked with a team to create a text-based adventure game designed by another team. This game used a database to store information about new and returning players. It tracked each player's health, points, location items, and monsters defeated.

### My Goals

- Get Job
- Finish school with GPA higher than 3.2
- Always try my best
- Improve python

### My Contact Information



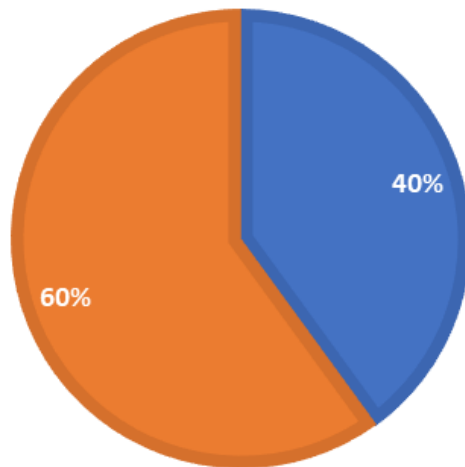


# Demographic

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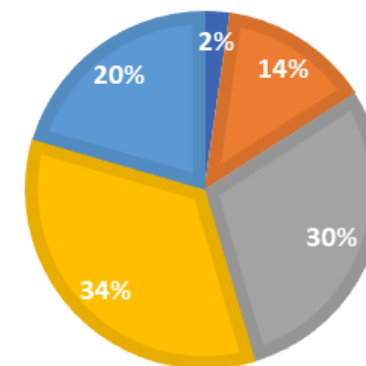
## GENDER

■ Male ■ Female



## ETHNICITY

■ American Indian or Alaska Native ■ Asian or Pacific Islander  
■ Black/African American ■ White/Caucasian  
■ Two or more races



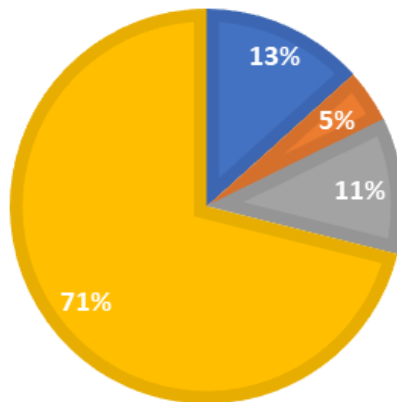
Data based on 46 students surveyed

# NFC Chips

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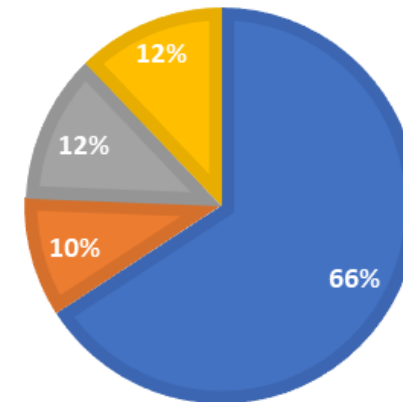
AN NFC CHIP IS AN EXAMPLE OF WHICH  
TYPE OF TECHNOLOGY?

■ RFI ■ API ■ FTP ■ I don't know



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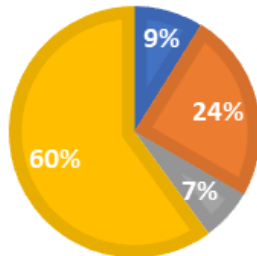
Correct Answer: RFI (blue)

# HTML

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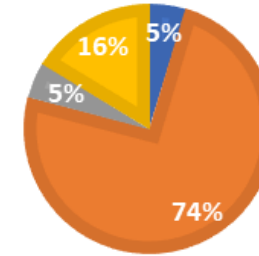
## WHAT IS THE PURPOSE OF THE BODY SECTION IN AN HTML PAGE

- It contains information about the web page
- It contains text and elements that are displayed on the web page
- It contains information about the body
- I do not know



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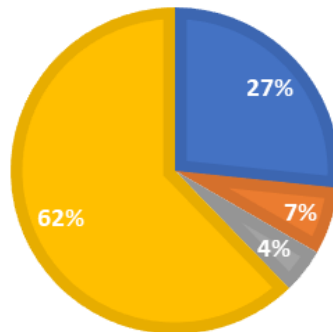


Correct answer: Orange

# JavaScript Arrays

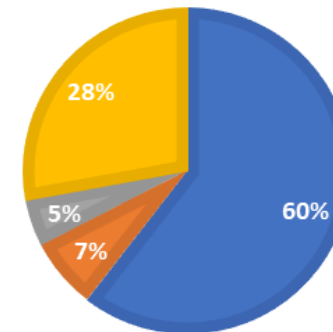
## WHAT IS THE PROPER WAY TO INITIALIZE AN ARRAY IN JAVASCRIPT?

■ `var array = ["apple", "orange"];` ■ `var array = ("apple", "orange");`  
■ `var array = {"apple", "orange"};` ■ I do not know



## WHAT IS THE PROPER WAY TO INITIALIZE AN ARRAY IN JAVASCRIPT?

■ `var array = ["apple", "orange"];` ■ `var array = ("apple", "orange");`  
■ `var array = {"apple", "orange"};` ■ I do not know



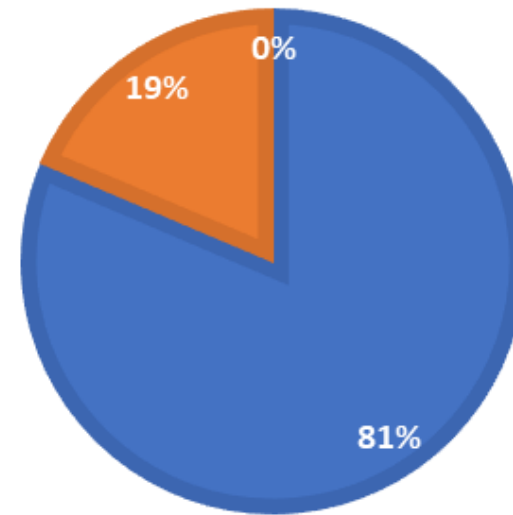
Correct answer: Blue



## Student Interest in our Workshop


### DID YOU ENJOY LEARNING THE NEW TECHNOLOGY?

■ Definitely yes   ■ Neutral, it's okay   ■ Definitely not



A large orange circle is positioned on the left side of the slide, partially cut off by the edge.

## Improvements Based on Data Collected

- Try to be more engage with the audience
  - Project clarification.
  - Emphasize the importance of the technology used.
  - Keep the students interested and excited to learn.
- 
- A series of four yellow curved dashes are located in the bottom right corner of the slide.

The image features a dense, textured background composed of numerous 3D question marks. Most of these question marks are dark grey and are scattered across the entire frame, creating a sense of depth and repetition. In the center of the image, a single question mark stands out prominently. This central question mark is a vibrant orange color and is slightly larger and more upright than the others, making it the focal point. Overlaid on this central orange question mark is the word "Questions" in a clean, white, sans-serif font. The lighting appears to come from the upper left, casting soft shadows and highlighting the three-dimensional nature of the symbols.

Questions