

# Complete Portfolio Documentation Winter 2023

\*\*Make sure to scroll to the end to see the rubric.

**Your name:** Brandon Goh

**Link to your deployed site:** <https://crunchiumo.github.io/SI339project/main.html>

**Link to your Github repository:** <https://github.com/crunchiumo/SI339project>

- 1) I changed the background to purple, made the font size 150% and the font-weight bold to indicate the current page.
- 2) Skip to content is hidden on the top right of every page. It will appear when tabbed.
- 3) I used a 2fr 3fr grid for my desktop view, I placed the titles on the left column and the main content on the right column. I used two columns to give a simple layout and to make the content easily readable with enough space for pictures as well.
- 4) I used flex on all pages including the headers and all the content on the page so the text would adjust correctly according to the screen width. I used a combination of flex-direction column and row to change the appearance of the header, justify-content space-between and flex-end to get the appearance I wanted.
- 5) I made sure the page had a simple and clean layout with neutral colours for the header and background. The header used white text on darker backgrounds (grey and black) and the main text was in purple for contrast and legibility. I also had pictures under each section so they were organized according to the content I was referring to. My text is using Arial font with sans-serif as a backup for a clean and standard font.
- 6) My tablet breakpoint was from 768px to 1024px as I felt this was an appropriate width for tablet displays. My header is changed to have the site navigation be vertical and the page navigation to be horizontal for easier navigation. The header is also not fixed to the top of the page as tablets usually have less screen real estate.
- 7) My desktop breakpoint was from 1025px as a desktop screen would be larger than the largest tablet width. The desktop view has the header fixed at the top and is in a single line. The page uses a grid view so that more information can be seen without scrolling.
- 8) Below are my Wave and Axe screenshots:

The following apply to the entire page:

[Go to Main page](#) [Go to PC parts page](#) [Go to Build Guide page](#) [Jump to Content](#)

[Installing your CPU](#) [Installing your RAM](#) [Installing the rest of your components](#)

## [Assembling your computer](#)

Once you have everything ready to go, it's time to start building your PC.

### [Processor \(CPU\)](#)

### [Installing the CPU](#)

Start by unlocking the CPU bar. Then, open the CPU door, place the CPU in the right direction, close the door, and lock the bar down.



The following apply to the entire page:

[Go to Main page](#) [Go to PC parts page](#) [Go to Build Guide page](#) [Content](#) [Processor](#) [Motherboard](#) [Graphics Card](#) [Memory](#) [Storage](#) [Cases](#) [Power Supply](#) [CPU Cooler](#) [Operating System](#)

## [Parts You Need to Build a desktop computer](#)

### [Processor \(CPU\)](#)

### [What is a CPU?](#)

The processor or Central Processing Unit (CPU), is the brain of the PC. It's what converts the instructions you provide into actions the computer can execute, and tells all the other parts of your build how to work together. If the CPU is the brain, the rest of the system is the body. A modern desktop PC will use either an Intel or AMD cpu

The CPU is probably the single most important component for any computer, and as you'd expect there are almost endless options at a variety of price ranges. For AMD you'll most likely be looking at a 7000 series Ryzen CPU if you want high-end. Intel's Core i designated CPUs are all solid choices, you'll most likely be using a 13th Gen i9, i7, i5 or i3 processor if you're looking to put together a gaming or streaming rig.



The following apply to the entire page:

Styles: OFF ON

powered by WebAIM

Go to Main page Go to PC parts page Go to Build Guide page Jump to Content Completed Builds

**Summary**

Errors: 0 Contrast Errors: 0

Alerts: 0 Features: 13

Structural Elements: 11 ARIA: 0

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

## Buidling your first gaming PC

### Why build your own PC?

- The customizability: You get to choose what parts go into your computer.
- Flexible Budget: You can have a PC for almost every pricepoint
- High Performance: Custom PCs often perform better than their pre-built counterparts

### Completed Builds

Here are some picutes of fully assembled PCs for you to take a look at

Go to Main page Go to PC parts page Go to Build Guide page Jump to Content Completed Builds

## Buidling your first gaming PC

This is a simple guide to get started with your first custom desktop PC build and the components you will need.

### Why build your own PC?

There are many reasons to build your own PC here are some

- The customizability: You get to choose what parts go into your computer.
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- High Performance: Custom PCs often perform better than their pre-built counterparts

### Completed Builds

Here are some picutes of fully assembled PCs for you to take a look at

DevTools axe DevTools Sign up / Sign in start new scan Overview Guided Tests

Test Name: SAVE TEST Test URL: RE-RUN SCAN http://127.0.0.1:5500/Project/main.html

TOTAL ISSUES	AUTOMATIC ISSUES	GUIDED ISSUES
0	0	0
Critical	0 Serious	0
Moderate	0 Minor	0

Best Practices: ON WCAG 2.1 AA Issues: Total Issues 0

You have (0) automatic issues, nice! Catch even more accessibility issues with semi-automated guided tests.

TRY FOR FREE

Go to Main page Go to PC parts page Go to Build Guide page

Jump to Content Processor Motherboard Graphics Card Memory Storage Cases Power Supply CPU Cooler Operating System

**Cases**

**What is a case?**

This is where all of your precious parts are going to live, and what most people think of when they imagine a PC. Cases are one of the most customizable parts of a PC, so you can get cases in just about every shape and size you can imagine.

Make sure all the other parts are able to fit in your case when comparing different options as there are plenty to choose from.

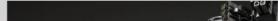


**Power Supply Unit (PSU)**

**What is a PSU?**

The Power Supply Unit (PSU) provides the power that allows your build to function.

Choosing a quality power supply is important and make sure it can supply enough juice to power your components.



Go to Main page Go to PC parts page Go to Build Guide page

Jump to Content Installing your CPU Installing your RAM Installing the rest of your components

**Assembling your computer**

Once you have everything ready to go, it's time to start building your PC.

**Processor (CPU)**

**Installing the CPU**

Start by unlocking the CPU bar. Then, open the CPU door, place the CPU in the right direction, close the door, and lock the bar down.



**System memory (RAM)**

**Installing the RAM**

Start by pushing open the two latches on either side of the RAM slot on the motherboard slot. Once the RAM

axe DevTools axe-core 4.6.3 Sign up / Sign in Start new scan Close Overview Guided Tests Test Name SAVE TEST Test URL RE-RUN SCAN http://127.0.0.1:5500/Project/cpu.html TOTAL ISSUES AUTOMATIC ISSUES..... 0 GUIDED ISSUES..... 0 Critical..... 0 Serious..... 0 Moderate..... 0 Minor..... 0 Best Practices: ON WCAG 2.1 AA Issues: Automatic 0 You have (0) automatic issues, nice! Catch even more accessibility issues with semi-automated guided tests. TRY FOR FREE

axe DevTools axe-core 4.6.3 Sign up / Sign in Start new scan Close Overview Guided Tests Test Name SAVE TEST Test URL RE-RUN SCAN http://127.0.0.1:5500/Project/motherboard.html TOTAL ISSUES AUTOMATIC ISSUES..... 0 GUIDED ISSUES..... 0 Critical..... 0 Serious..... 0 Moderate..... 0 Minor..... 0 Best Practices: ON WCAG 2.1 AA Issues: Automatic 0 You have (0) automatic issues, nice! Catch even more accessibility issues with semi-automated guided tests. TRY FOR FREE

- 9) I made sure to include alt text for all my images and use colours that contrasted well with each other. All of my text is spaced out and easy to read and keyboard users can tab through the navigation at the top easily to navigate through the page. I included a hover state for the site navigation to change to a different shade and page navigation to include an underline to show what was being tabbed or clicked on.

10) I made sure to include a html5reset stylesheet and included the viewport meta tag. I checked for console errors and used standard naming conventions.

11) I added hyperlinks to a website called pc part picker which shows all current parts as well as prices for the different components I have on my website.

Fill in your expected score and we will use it as a starting point. (If you give a lower score than we think you deserve we may raise it. If you give yourself credit for doing something you didn't complete we will make an extra deduction.)

Criteria	Your Expected Score
The navigation must clearly display the current page within the nav element. As you visit each page, point out how the navigation bar changes to clearly indicate which page you are currently viewing. Don't forget, color alone should never be used to signify important information.	5/5
Each page should contain a main section that can be reached using a Jump to Content option with the first tab on the page. Main must be after the navigation. Make sure to check that "Skip To Content" works on EVERY page.	5/5
Grid - used effectively. What elements use grid and which pages are these elements on? How did you use grid differently from the homework?	15/15
Flex - used effectively. What elements use flex and which pages are these elements on? How did you use flex differently from the homework?	10/10
Visually appealing What did you do to make your page particularly appealing? How did you come up with your color scheme? Tell us more about your font choices, image editing, etc. I am sure there are things that you did that we can't easily see.	25/25
Tell us about your Responsive Design. What is your tablet breakpoint and why did you pick that particular value for your first media query? What is changed in the layout? What is changed in the styling ? Were you careful to not duplicate unnecessary code?	10/10
Tell us about your Responsive Design. What is your desktop breakpoint and why did you pick that particular value for your second media query? What is changed in the layout? What is changed in the styling ? Were you careful to not duplicate unnecessary code?	10/10

Validation	10/10
Accessibility, diversity and inclusion. Include a summary of the steps you took to ensure that your site addresses accessibility, diversity and inclusion.	10/10
“Extras” – What did you do above and beyond the required?	25/25