



codecraftworks.com



Codecraft Works is an edtech company, providing learning tools and training services in Computer Science, Software Development, and Cyber Security.

We partner with the best people and organizations in the world to design, develop, and deliver skills-based tools and training with a focus on diversity and inclusion.



Funded in part by the National Science Foundation (NSF) to research, develop, and commercialize edtech software and services.

The Bureau of Labor Statistics estimates that the U.S. economy alone will see an additional

**10.7 million
STEM jobs by 2029**

Computer Science jobs are the highest
paying and fastest growing.

Source: US Department of Labor

Empathy as a Catalyst for Meta Impact

Can you think back to a time when you were excluded?





So, what are you going to do
this summer?





A 2020 study by the AnitaB.org Institute found that **women** make up 28.8% of the tech workforce, a steady increase from the past few years.





In Brevard County only 5 out of 16 High Schools offer a Computer Science (CS) class. Statewide, only 1 out of 4 - *even when* 9 out of 10 parents say they want their kids to learn CS.





In June of 2019, the inaugural pilot Fibonacci program launched with 8 participants with 3 phases of career discovery and project based learning.



The Day Everything Changed: March 11, 2020

- Dr. Anthony Fauci Testifies That 'It's Going to Get Worse'
- WHO Declares COVID-19 a “Pandemic”
- San Francisco and Seattle Ban Large Gatherings
- Sports and Entertainment Events Are Postponed or Canceled
- **Schools Cancel In-Person Learning and Move Classes Online**



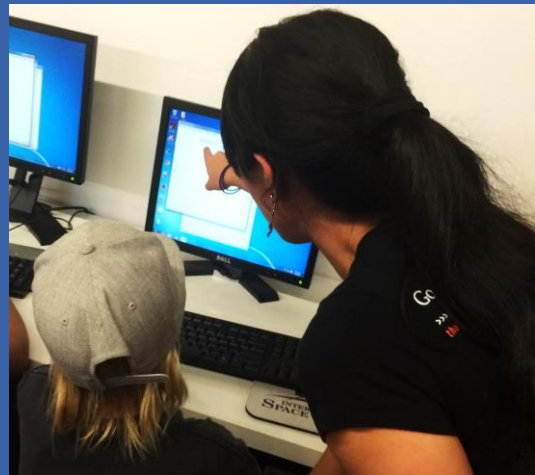
“Affecting nearly 1.6 billion learners in more than 190 countries and all continents. Closures of schools and other learning spaces have impacted 94 percent of the world’s student population, up to 99 percent in low and lower-middle income countries.”



“Nationally, more than seven million children ages 3 to 21 (14% of all public-school students) receive special education services.”

Source: National Center for Education Statistics, 2020





CODECRAFT
WORKS



To ensure our educational tools are accessible to all learners, Codecraft Works initiated a Web Accessibility Audit and Voluntary Product Accessibility Template (VPAT) with Deque.

CODECRAFT WORKS

- Home
- Dashboard
- Web Projects
- Games
- Programs
- CCPC
- Help

Asynchronous Basics

Course Description
Participants will learn the basics and benefits of asynchronous programming, then write callbacks within their programs that signal the completion of long-running background actions.

Course Objectives
To be able to make sound choices of when to use different asynchronous programming techniques and develop deep technical knowledge and experience allowing students to work in entry level programming positions or continue STEM education or technical training with increased confidence and probability of success.

Prerequisites
Basic computer literacy, a demonstrated understanding of JavaScript fundamentals and familiarity with web APIs.

[Find a Program with this Course!](#)

Lessons in this Course

- Asynchronous Basics**
 - Topics
 - Synchronous Code Example
- Asynchronous JS & Techniques**
 - Topics
 - Web Workers & Callback Functions
 - Promises & Async/Await
- Timeouts & Intervals**
- Promises**



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Advanced HTML & CSS Techniques

Listen to Advanced HTML & CSS Techniques

0:00 / 0:23

In this course, students will learn to create more complex web projects with advanced CSS techniques like Flexbox. They'll continue to elevate their web development knowledge by utilizing more advanced concepts like semantic HTML and form design.

This program builds on previous HTML & CSS programs, but can also be taken by students confident in their understanding of HTML and CSS fundamentals.

Start Course!

Lessons in this Course

Flexbox

Topics

- Intro to Flexbox
- Flex-Direction, Flex-Wrap, & Flex-Flow
- Justify-Content and Align Properties
- Flexbox Exercises & Reference Table
- Flexbox Project

View Lesson

Organization with Semantic HTML

Topics

- Semantic HTML Elements
- Semantic HTML Examples & Project Prompt

View Lesson

Intro to Responsive Web Design

Topics

- Media Queries

View Lesson

Advanced HTML & CSS Portfolio

Topics

-

View Lesson

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Codecraft Works

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WHO WE ARE

Codecraft Works is an educational technology company powering a blended learning approach to computer science, engineering and cybersecurity curriculum for students and educators. We're serious.

SEMANTIC HTML EXAMPLE (ABOUT)

James Morgan

Codecraft Works

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Contact Us

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SEMANTIC HTML EXAMPLE (CONTACT)

James Morgan

The Elements

Home

Take any item. Take a really really thin and sharp blade. Cut the item into half. Cut it again. And again. And again. And so on till you can't cut it anymore (the blade is sharp enough to cut molecular bonds). What you will be left with is a group of elements (provided you didn't cut the atoms apart that's a whole other can of worms). If you cut all the atoms in the world to their elements, you will find there are 114 on Earth. But wait... aren't there 118 elements (as of creating this page)? Yes. There are. But the other 24 elements are super heavy and were created in atomic smashers and don't last that long. There are also some elements which we don't know the mass of!

THEELEMENTS.COM/HOME

Josh

Earth from Space

Home

Australian Laptop

EARTH FROM SPACE

Josh

TOUR DATES

Listen Now

Listen Now

TOUR DATES

Listen Now

Listen Now

Summer Collection Cupcakes

View Lesson

Flexbox: Align-Items

Align-Items: Flex-Start

Align-Items: Flex-End

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Partners & Clients



CODECRAFT
FOUNDATION

FieldCore
a GE company



SourceAmerica®



Cenfluence
Central Florida Cluster Initiative



A partnership of BAC and Codecraft Works, LaunchIT helps people with unique abilities earn the skills and confidence to pursue a career in Technology.



Two Technical Certification Tracks:

Web Development & Accessibility Specialist

Google UX Design Professional Certification
Codecraft Works Accessible Web Design and Development
HDI-SCA Certification OR IAAP Web Accessibility Specialist
(WAS) Credential Certification (Optional Goal)

Possible Careers:

Web Developer
User Experience Designer
Accessibility Professional
Compliance Team Member

IT Services

Google IT Support Professional Certification
Google IT Automation with Python Professional Certification
HDI-SCA Certification OR CompTIA A+ Certification (Optional Goal)

Possible Careers:

IT Support Technician
Help Desk Specialist
IT Assistant



“Sorry it's been a while, but I just want to let you know that I am continuing to do well with my job at Rolle IT. I have been doing the usual of documenting, updating, and closing tickets in Jira as well as using the Remote Monitoring and Management console software to monitor and track issues to resolve. My boss is still proud of me and the amount of effort I am putting into the work.

I will continue to do my best and keep up the great work! Hope all is well and have a great day.”





Home



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HTML

```
1 <header class="container paddingy">
2   <h1 class="center">Welcome</h1>
3 </header>
4 <main id="main-content" class="container flex-lg">
5   <section class="paddingy">
6     <figure>
7       
10    </figure>
11  </section>
```

CSS

```
1 body {
2   background-color: #ccffc4;
3   font-size: 1.1em;
4 }
5
6 .center {
7   text-align: center;
8 }
9
10 .container {
11   width: 100%;
12   max-width: 1200px;
```

JS

```
1 //Nothing here...yet
```

Welcome



Feedback

✿About Me✿

Hello and welcome to my page, I am just a starter in web design and I enjoy doing it using my creativity and ideas....

✿My Projects✿

- [business project](#)



Thank you!

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