



# CODECRAFT WORKS

[codecraftworks.com](https://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.”

Source: United Nations, August 2020 Policy briefing



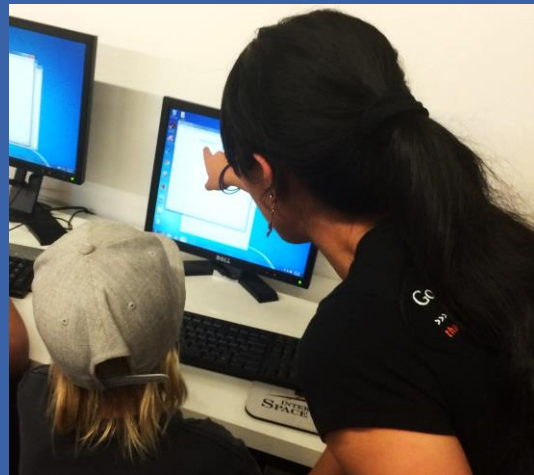


“Nationally, more than seven million children ages 3 to 21 (14% of all public-school students) receive special education services.”

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.

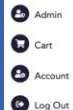
**Course Objectives**  
To be able to make sound choices of when to use different asynchronous programming techniques and develop deep technical knowledge and experience allowing students to work in entry level programming positions or continue STEM education or technical training with increased confidence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

[View Lesson](#)[illegible]

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# Partners & Clients





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."





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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