

ITP 140 Design

Nicholas Gardella

ITP 140 was an online intro coding class.



**CLIENT SIDE SCRIPTING
ITP 140-35
(Fourteen-Week Course)**

INSTRUCTOR INFORMATION

Name: Nicholas Gardella, M.Eng.

Email: ngardella@nr.edu

Office: Zoom @ <https://vccs.zoom.us/my/ng2466>

Office Phone: none

Office Hours: virtual or mail site by appointment

I chose five course outcomes carefully.

COURSE OUTCOMES

The course is designed to contribute to competency in the following outcome areas:

- **Exploring and Defending Ideas:** Generates and receives ideas gracefully and clearly in social dialogues, pursues technical ventures on the basis of reason, and engages in productive debate.
- **Organized, Professional, and Ethical Conduct:** Effectively plans and manages responsibilities and follows conventions, etiquettes, social norms, and ethical standards.
- **Productive Creation of Value:** Produces valuable archivable creations that demonstrate technical prowess and executive functioning skills.
- **Programming Discipline:** Applies consistent effort over time to practice computer programming.
- **Pursuing Knowledge:** Seeks to continually gain knowledge of technical subject matter and the world at large.

The LMS can reflect the course outcomes.

5 OUTCOMES
80% Coverage **10.8** Avg. Alignments per Outcome

107 ASSESSABLE ARTIFACTS ⓘ
6% With Alignments **0.5** Avg. Alignments per Artifact

All Outcomes (5) ▾

Search... 🔍

| | |
|---|----------------|
| > Exploring and Defending Ideas | Alignments: 0 |
| Generates and receives ideas gracefully and clearly in social dialogues, pursues technical ventures on the basis of reason, and engages in productive debate. | |
| > Organized, Professional, and Ethical Conduct | Alignments: 9 |
| Effectively plans and manages responsibilities and follows conventions, etiquettes, social norms, and ethical standards. | |
| > Productive Creation of Value | Alignments: 8 |
| Produces valuable archivable creations that demonstrate technical prowess and executive functioning skills. | |
| > Programming Discipline | Alignments: 43 |
| Applies consistent effort over time to practice computer programming. | |
| > Pursuing Knowledge | Alignments: 35 |
| Seeks to continually gain knowledge of technical subject matter and the world at large. | |

Grades reflect importance of outcomes.

GRADING/EVALUATION

The final grade for the course will be determined as follows:

| | |
|---|-------------------------------|
| Engagement (Discussions, surveys, and other ways to express your ideas) | 15% |
| Video Quizzes | 10% |
| Content Quizzes | 10% |
| Guided Programming Assignments (Building toward a FreeCodeCamp.org certification and your final project) | 40% |
| Final Project (Parlaying your programming assignments into a public portfolio and building an additional app) | 30% |
| Total | 105% = 100% + 5% bonus |

Modules are organized and well-labeled.

| | | | | | | | |
|--|--------------------------------------|---|-----------------------------------|--------------------|---|---|---|
| Week 5 (2/19-2/25) | | | Prerequisites: Week 4 (2/12-2/18) | Complete All Items | ✓ | + | : |
| Optional: Consent to Have Your Projects Debugged in a Video | | ✓ | : | | | | |
| Final Project | | ✓ | : | | | | |
| Final Project: About | | ✓ | : | | | | |
| Final Project Step: Acknowledge Goals and Basic Requirements | Feb 20 5 pts Submit | ✓ | : | | | | |
| Final Project Step: Tidy Up and Integrate Certification Project #2 | Feb 24 20 pts Submit | ✓ | : | | | | |
| Recorded Office Hours- Multipage Site Setup & Debugging | | ✓ | : | | | | |
| Engagement | | ✓ | : | | | | |
| Required Check-In Survey #5: AV Update (New Topics) | Feb 24 10 pts Submit | ✓ | : | | | | |
| FreeCodeCamp | | ✓ | : | | | | |
| FCC, JS, DSA, Block 3, Mini Courses 1 & 2 | Feb 20 0 pts View | ✓ | : | | | | |
| FCC, JS, DSA, Block 3, Mini Course 3 | Feb 24 0 pts View | ✓ | : | | | | |
| FCC, JS, DSA, Block 3, Mini Course 4 | Feb 26 0 pts View | ✓ | : | | | | |
| FCC, JS, DSA, Block 3, Certification Project | Feb 28 0 pts View | ✓ | : | | | | |
| FreeCodeCamp JavaScript DSA Block 3 | Mar 3 7 pts View | ✓ | : | | | | |
| Quizzes | | ✓ | : | | | | |
| Video Quiz #19: Textbook 5-1 | Multiple Due Dates 10 pts Submit | ✓ | : | | | | |
| Video Quiz #20: Textbook 5-2 | Multiple Due Dates 9 pts Submit | ✓ | : | | | | |
| Textbook | | ✓ | : | | | | |
| Textbook Chapter 5: Making decisions in programs | Feb 25 0 pts View | ✓ | : | | | | |
| Textbook Content Quiz #2: Ch. 4 to 6 | Mar 3 20 pts | ✓ | : | | | | |

| | | | | | | | |
|--|--------------------------|---|----------------------------------|--------------------|---|---|---|
| Week 7 (3/5-3/7, Spring Break Pause, 3/17-3/18) | | | Prerequisites: Week 6 (2/26-3/4) | Complete All Items | ✓ | + | : |
| Spring Break Options | | ✓ | : | | | | |
| Option 1: Take a real break from ITP 140 during spring break (3/10-3/14) | | ✓ | : | | | | |
| Option 2: Use spring break to catch up and negotiate prior/missing work | | ✓ | : | | | | |
| Final Project | | ✓ | : | | | | |
| Final Project: Featured App Proposal (Resubmissions Required) | Mar 25 15 pts Submit | ✓ | : | | | | |
| FreeCodeCamp | | ✓ | : | | | | |
| FCC, JS, DSA, Block 4, Mini Course 1 | Mar 5 0 pts View | ✓ | : | | | | |
| FCC, JS, DSA, Block 4, Mini Course 2 | Mar 7 0 pts View | ✓ | : | | | | |
| FCC, JS, DSA, Block 4, Mini Course 3 | Mar 17 0 pts View | ✓ | : | | | | |
| FCC, JS, DSA, Block 4, Certification Project | Mar 18 0 pts View | ✓ | : | | | | |
| FreeCodeCamp JavaScript DSA Block 4 | Mar 18 6 pts Submit | ✓ | : | | | | |
| Quizzes | | ✓ | : | | | | |
| Video Quiz #28: Accessibility Pitfalls of Dynamic HTML | Mar 18 10 pts Submit | ✓ | : | | | | |
| Video Quiz #26: Accessible Color Contrast | Mar 18 9 pts Submit | ✓ | : | | | | |
| Video Quiz #27: Accessible Font Sizing | Mar 18 7 pts Submit | ✓ | : | | | | |
| Video Quiz #28: JS Gym- Strings | Mar 18 12 pts Submit | ✓ | : | | | | |
| Video Quiz #29: JS Gym- Variables | Mar 18 12 pts Submit | ✓ | : | | | | |
| Engagement | | ✓ | : | | | | |
| Record a Zoom Call | Mar 25 40 pts View | ✓ | : | | | | |
| Textbook | | ✓ | : | | | | |
| Textbook Chapter 7: Creating functions | Mar 18 0 pts View | ✓ | : | | | | |
| Textbook Content Quiz #3: Ch. 7 to 9 | Apr 1 20 pts | ✓ | : | | | | |

| | | | | | | | |
|--|---------------------------|---|----------------------------------|--------------------|---|---|---|
| Week 10 (4/2-4/8) | | | Prerequisites: Week 9 (3/26-4/1) | Complete All Items | ✓ | + | : |
| Required Watch: S25 Week 9 Closing Message | View | ✓ | : | | | | |
| Final Project | | ✓ | : | | | | |
| ITP 140 Playlist | View | ✓ | : | | | | |
| Final Project Step: Integrate Certification Projects #4 and #5 | Apr 8 30 pts Submit | ✓ | : | | | | |
| Final Project: Featured App Proposal (Resubmissions Required) | Mar 25 15 pts | ✓ | : | | | | |
| Final Project (Resubmissions Accepted Until 5/1) | May 1 300 pts View | ✓ | : | | | | |
| Engagement | | ✓ | : | | | | |
| Student Award Recipients and Experts Committees | View | ✓ | : | | | | |
| Required Read: In-Person Final Project Help-Sessions | View | ✓ | : | | | | |
| Discussion: Collaboration on Featured Apps | View | ✓ | : | | | | |
| Textbook | | ✓ | : | | | | |
| Textbook Chapter 10: Advanced JavaScript | Apr 8 0 pts Mark done | ✓ | : | | | | |
| Textbook Content Quiz #4: Ch. 10 to 12 (Last One) | Apr 22 20 pts | ✓ | : | | | | |

Expectations aren't guesswork in the LMS.

Required Onboarding

Complete All Items

Information, Policies, and Expectations

Required Watch: Welcome to ITP 140

Optional Listen: Podcast about science of learning

Sneak Peek: FreeCodeCamp Courses

Required Read: Cheating and AI Usage Policies

Required Read: How to Succeed in this Class

Required Skim: Troubleshooting and Using Your OS

Required Skim: General Information

Email Etiquette

Required Skim: Why to Up Your Email Game

Required Skim: Good and Poor Email Examples

Required Skim: Replying to Emails

Required Skim: Getting Ghosted via Email

Graded Deliverables

Onboarding Quiz: 100% Grade Required

Required Discussion: Email Roleplay

1. Holding values is critical in the age of AI

Exploring and Defending Ideas: Generates and receives ideas gracefully and clearly in social dialogues, pursues technical ventures on the basis of reason, and engages in productive debate.

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ITP 140 > [Assignments](#) > Final Project: Featured App Proposal (Resubmissions Required)

What to Submit?

AI generated or shallow submissions are not allowed. You must write this yourself thoughtfully. AI can certainly be part of your research process, however. Submit a detailed description of one or more ideas you have for the featured app portion of the final project. **Explain why you want to do each idea** in terms of your interests, life experiences, and/or career goals. Explain where you got the ideas. Do 10-30 minutes of research on technologies and approaches. Describe what sorts of techniques you want to use. Will you keep it simple? Will you throw in any advanced techniques? If you don't have some of the skills you need right now, what do you hope the class covers before you need to start working on this app? Estimate how long each idea will take you in total hours (research, dev time, debugging and testing, accessibility audits, etc.).

Students cared when it came to grades.

5 Replies

 **Nicholas Gardella**
AUTHOR | TEACHER
Created Feb 5 4:04pm | Posted Feb 5 4:04pm
| Last edited Feb 5 4:31pm

Recommended Discussion: Lobby to Change Course Policies

 Feb 13 12:26pm | Last reply Feb 14 5:10pm

the deadlines days and times don't really bother me much. as for grade forgiveness, a 7 day grace window would really come in clutch.

[Hide 2 Replies](#) | [Reply](#) | [Mark as Unread](#)

 Feb 13 9:58pm

I agree that deadlines and times are fine as it, but I would argue that given the fact that content quizzes and FCC grades are a combined 50% of the final grade, and a majority of the course load, it would be most helpful to drop the lowest grades in these categories. I feel like it concentrates the potential benefit to the highest percentage grading areas rather than dispersing it among less impactful assignments. What do you think about this?

[Reply](#) | [Mark as Unread](#)

 Feb 14 5:10pm

I agree with you  I would appreciate that as well!
I'm also fine with the times things are due.

[Reply](#) | [Mark as Unread](#)







Exploring and Defending Ideas: Generates and receives ideas gracefully and clearly in social dialogues, pursues technical ventures on the basis of reason, and engages in productive debate.

2. “Soft” skills are part of the curriculum.

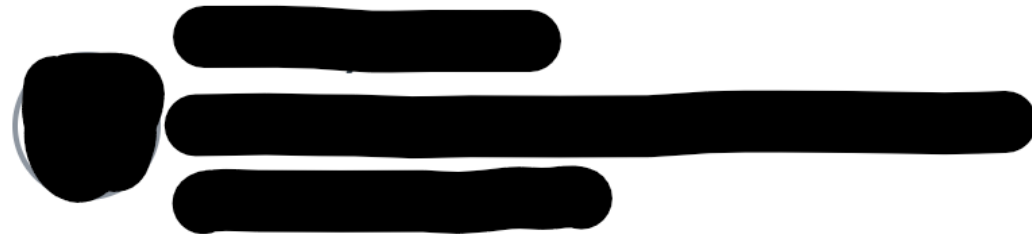
Organized, Professional, and Ethical Conduct: Effectively plans and manages responsibilities and follows conventions, etiquettes, social norms, and ethical standards.

Organized, Professional, and Ethical Conduct: Effectively plans and manages responsibilities and follows conventions, etiquettes, social norms, and ethical standards.

| | | | | | |
|---|--|--------------------|---|---|---|
| Required Onboarding | | Complete All Items | ✓ | + | ⋮ |
| Information, Policies, and Expectations | | | ✓ | | ⋮ |
| ⋮ | Required Watch: Welcome to ITP 140 | View | ✓ | | ⋮ |
| | Optional Listen: Podcast about science of learning | | ✓ | | ⋮ |
| ⋮ | Sneak Peek: FreeCodeCamp Courses | | ✓ | | ⋮ |
| | Required Read: Cheating and AI Usage Policies | View | ✓ | | ⋮ |
| ⋮ | Required Read: How to Succeed in this Class | View | ✓ | | ⋮ |
| | Required Skim: Troubleshooting and Using Your OS | View | ✓ | | ⋮ |
| ⋮ | Required Skim: General Information | View | ✓ | | ⋮ |

| | | | |
|-----------------------|---|---|---|
| ⋮ Email Etiquette | | ✓ | ⋮ |
| ⋮ |  Required Skim: Why to Up Your Email Game View | ✓ | ⋮ |
| ⋮ |  Required Skim: Good and Poor Email Examples View | ✓ | ⋮ |
| ⋮ |  Required Skim: Replying to Emails View | ✓ | ⋮ |
| ⋮ |  Required Skim: Getting Ghosted via Email View | ✓ | ⋮ |
| ⋮ Graded Deliverables | | ✓ | ⋮ |
| ⋮ |  Onboarding Quiz: 100% Grade Required Jan 24 20 pts Score at least 20.0 | ✓ | ⋮ |
| ⋮ |  Required Discussion: Email Roleplay Jan 24 10 pts Submit | ✓ | ⋮ |

Students began putting their skills to work.



Hey Mr. Gardella,

I'm in class until 1:20pm and I have to get some salt for my well after that. I'll be free any time after about 3pm.

What time would work good for you?






Sincerely,

[Redacted signature]

3. Programmers need archival work.

Productive Creation of Value: Produces valuable archivable creations that demonstrate technical prowess and executive functioning skills.

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| | | | | | | |
|------------------------|---|--|---|-----|---|---|
| ⋮ ▾ Week 1 (1/22-1/28) | | Prerequisites: Required Onboarding | Complete All Items | ✓ ▾ | + | ⋮ |
| ⋮ | Final Project | | | | ✓ | ⋮ |
| ⋮ |  | Final Project Step: Use Git | Jan 28 10 pts Submit | | ✓ | ⋮ |
| ⋮ ▾ Week 6 (2/26-3/4) | | Prerequisites: Week 5 (2/19-2/25) | Complete All Items | ✓ ▾ | + | ⋮ |
| ⋮ | Final Project | | | | ✓ | ⋮ |
| ⋮ |  | (Zoom) Recorded Office Hours- Multipage Site Setup & Debugging |  | | ✓ | ⋮ |
| ⋮ |  | (Canvas) Recorded Office Hours- Multipage Site Setup & Debugging | | | ✓ | ⋮ |
| ⋮ |  | Final Project Step: Integrate Certification Project #3 | Mar 3 15 pts Submit | | ✓ | ⋮ |

Cooking Method Learning Path

Master cooking techniques step by step

Use arrow keys to navigate between recipes. Press Enter or Space to view recipe details. In the recipe details, press Escape to close.

Difficulty Level:

All



Cooking Method:

All



Your Learning Path

Select a cooking method and difficulty level to find recipes that will help you master new techniques. Start with beginner recipes and work your way up!

Beginner

Simple Sautéed Vegetables

Method: sautéing

Learn the basics of sautéing with this simple vegetable dish. Perfect for beginners to practice heat control and timing.

Skills: heat control, basic knife skills, timing

View Recipe

Intermediate

Pan-Seared Chicken Breast

Method: sautéing

Move up to protein with this pan-seared chicken recipe. Learn to achieve the perfect sear while keeping meat juicy.

Skills: meat cooking, temperature judgment, fond development

View Recipe

Advanced

Sautéed Scallops with Pan Sauce

Method: sautéing

Master sautéing with delicate seafood and create a complementary pan sauce using fond and deglazing.

Skills: seafood cooking, sauce making, timing precision

View Recipe



CAPTURE THE LIGHT

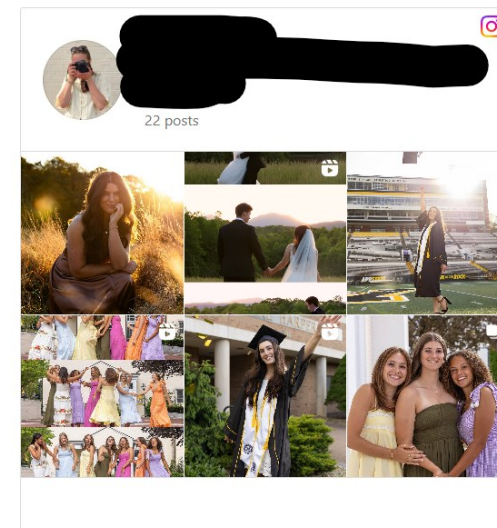
[View Portfolio](#)

Capture the Light LLC

Custom creative services by [REDACTED] Specializing in documentary-style wedding packages, personalized photo-shoots, and professional brand and social media management.



Contact Me



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Notepad:

Select Note Category: Homework ▾

[Add Note](#)

Filter Notes by Category: All ▾

[Hide Personal Notes](#)

234

(Homework)

5/12/2025, 10:39:13 AM

[Edit](#)[Delete](#)

asdf

(Personal)

4/29/2025, 4:46:14 PM

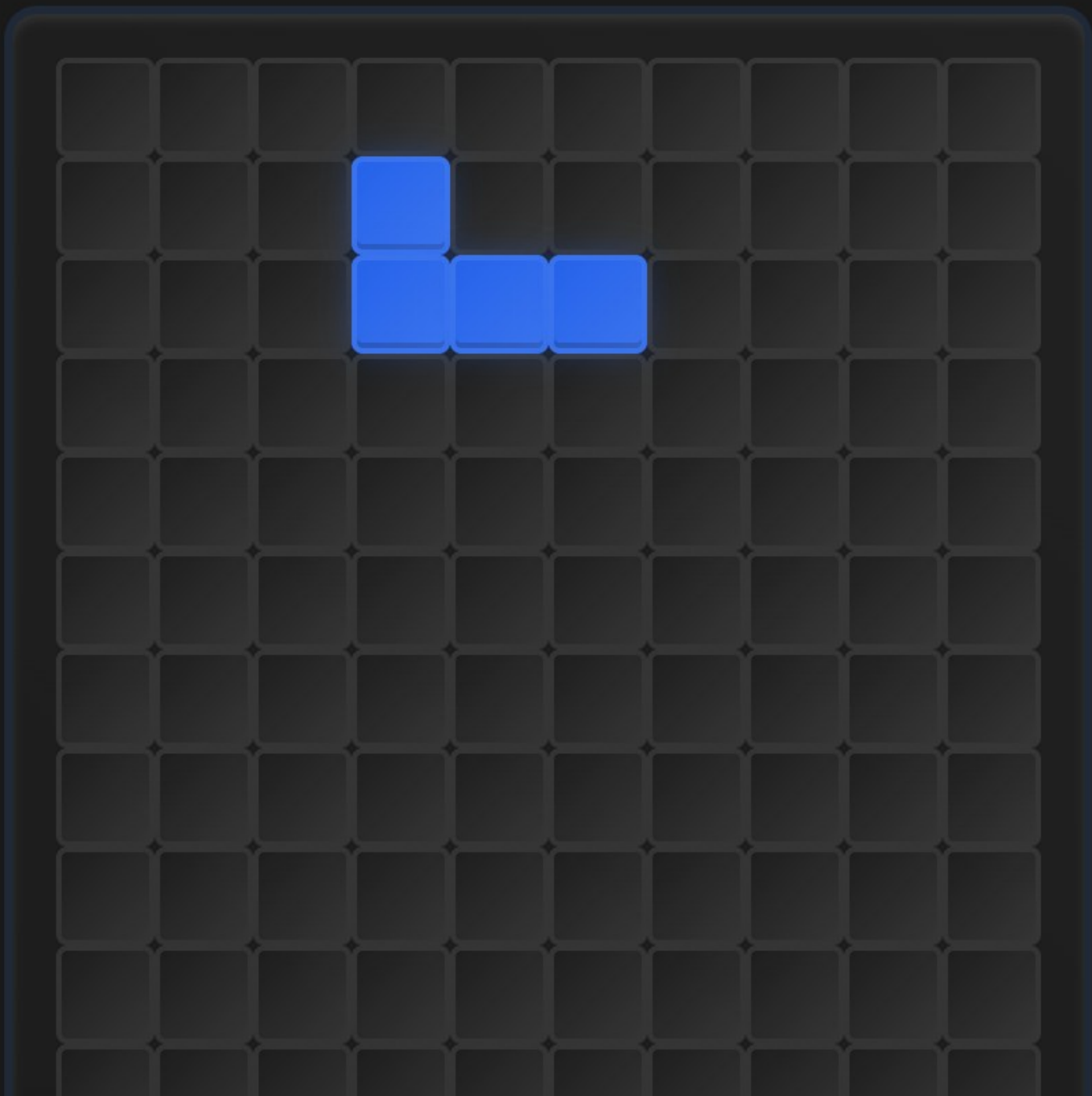
[Edit](#)[Delete](#)

paoa

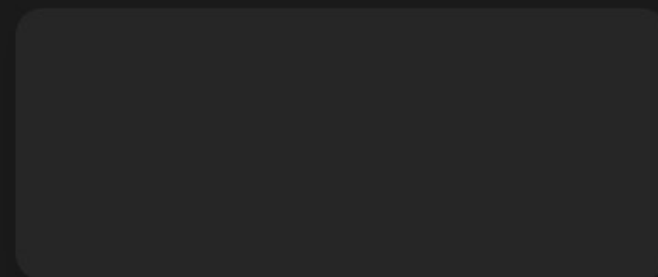
(Homework)

4/29/2025, 4:46:00 PM

[Edit](#)[Delete](#)



Score: 0



Hide Game

4. Practice makes perfect.

Programming Discipline: Applies consistent effort over time to practice computer programming.

Programming Discipline: Applies consistent effort over time to practice computer programming.

freeCodeCamp (🔥)

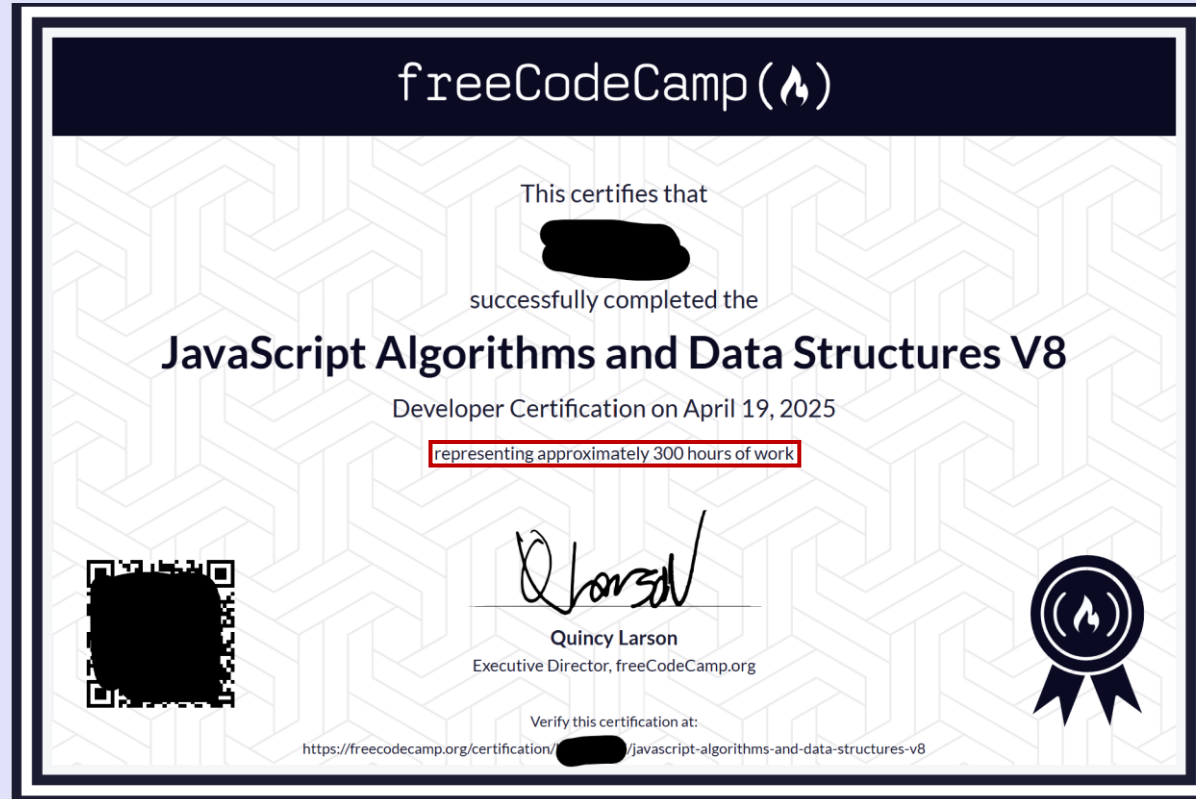


JavaScript Algorithms and Data Structures

Programming Discipline: Applies consistent effort over time to practice computer programming.

| | | | |
|---|--|---|---|
| ⋮ | FreeCodeCamp | ✓ | ⋮ |
| ⋮ |  FCC, JS, DSA, Block 2, Mini Courses 1 & 2 Feb 13 0 pts View | ✓ | ⋮ |
| ⋮ |  FCC, JS, DSA, Block 2, Mini Course 3 Feb 14 0 pts View | ✓ | ⋮ |
| ⋮ |  FCC, JS, DSA, Block 2, Mini Course 4 Feb 17 0 pts View | ✓ | ⋮ |
| ⋮ |  FCC, JS, DSA, Block 2, Certification Project Feb 18 0 pts View | ✓ | ⋮ |
| ⋮ |  FreeCodeCamp JavaScript DSA Block 2 Feb 18 7 pts Submit | ✓ | ⋮ |

Over half the class earned a certificate.



Programming Discipline: Applies consistent effort over time to practice computer programming.

5. Not all learning is making or doing.

Pursuing Knowledge: Seeks to continually gain knowledge of technical subject matter and the world at large.

Pursuing Knowledge: Seeks to continually gain knowledge of technical subject matter and the world at large.

The image shows a YouTube playlist interface. On the left, a purple sidebar contains the playlist title 'Information Technology Programming', the video count 'ITP 140', the creator's name 'by niqwis', and statistics 'Playlist · Public · 23 videos · 45 views'. Below this are icons for 'Play all', '+', edit, share, and a menu. The main area on the right has a dark background with a 'Sort' menu and tabs for 'All', 'Videos', and 'Shorts'. A list of four video thumbnails is displayed, each with a red progress bar at the bottom. The first video is 'Information Technology Programming' (36:45), the second is 'JS Gym: Spread (...) for Arrays and Objects' (21:55), the third is 'Information Technology Programming' (17:29), and the fourth is 'Information Technology Programming' (26:47). Each video entry also includes the creator's name 'niqwis' and view/view history information.

Information Technology Programming

ITP 140

by niqwis

Playlist · Public · 23 videos · 45 views

Play all

Sort

All Videos Shorts

Information Technology Programming 36:45 niqwis · 4 views · 8 months ago

Information Technology Programming 21:55 JS Gym: Spread (...) for Arrays and Objects niqwis · 11 views · 8 months ago


Information Technology Programming 17:29 Browser Data: JavaScript Document Cookies niqwis · 33 views · 7 months ago

Information Technology Programming 26:47 Data Modeling and Routing on the Web niqwis · 9 views · 7 months ago

Pursuing Knowledge: Seeks to continually gain knowledge of technical subject matter and the world at large.

⋮ Video Quizzes




⋮  **Video Quiz #30: JS Gym- Spread (...) for Arrays and Objects**
Mar 25 | 22 pts | Submit



⋮ Textbook



⋮  **Textbook Chapter 8: Storing data**
Mar 25 | 0 pts | Mark done



⋮  **Textbook Content Quiz #3: Ch. 7 to 9**
Apr 1 | 20 pts



Students liked to learn new things.

“videos you posted are incredibly detailed and very clear and easy to understand”

Students liked to learn new things.

“lectures were engaging”

Did it work overall?

COURSE OUTCOMES

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Students appreciated structure.

“your assignments are well planned out and organized... 10/10 for this”

Students appreciated structure.

“assignments also feel ‘good’ I guess is the best way to explain it. It feels like they fit for what the class expectation is”

Students appreciated structure.

“Communication during the course was perfect.”

My Cat Project

[Home](#)
[Projects Page](#)

