

Course Syllabus

GitHub Copilot with JavaScript Bootcamp

We are glad you have joined us for this course! Here is some information that will help you to navigate your learning platform and locate course content.

Joining the Session

Before the first live session please confirm that you can access Zoom:

1. Visit <https://support.zoom.us> and click on **Getting Started**.
2. Attn Percipio Users - The **Join live course** option is available where you registered for the session in Percipio 15 minutes prior to the start of class.

Course Description

GitHub Copilot is the best tool for professional developers. Copilot is backed by both GitHub and Microsoft. Although Copilot is now capable of handling almost all popular programming languages, we focus on JavaScript for this demonstration. Copilot also can reference official documentation, popular coding forums, public repositories and public data. This gives programmers a powerful tool that they can use in day to day coding.

Target Audience

Newer JavaScript programmers with at least 1 year working experience. This short boot camp is targeted to JavaScript programmers but anyone with a curiosity about AI tools are welcome to join.

Agenda

- After completing this course participants will be able to use GitHub Copilot to solve common JavaScript programming problems.
- Learners will be shown how to invoke the tool from an IDE
- Participants will be able to construct prompts to get answers from Copilot
- Users will be able to build a working web application using Copilot

Note: there is no formal agenda as the tool can take the session into multiple directions. Also, the tool is constantly changing, almost monthly. Below is just a general guideline we will follow.

Topics

Hour 1

Building a JavaScript based web application

Hour 2

Enhancing the application with JavaScript functions

Technical Support

We offer 24/7 support if you need assistance with your Percipio or Skillport learning platforms. To access support, click the initials of your profile and select “Help”.

Percipio

The screenshot displays the Percipio learning platform interface. At the top, there is a search bar and navigation icons. A left sidebar contains a 'Main menu' with options: Home, Library, What's New, My Learning (with a sub-option 'Live learning'), Role Advisor, Certifications, Skill Benchmarks, AI Simulations, AI Assistant, My Settings, Help, and Log Out. The main content area features a 'FEATURED VIDEO' titled 'Quality Assurance versus Quality Control' with a 'Learn More' button. Below this is a section with tabs for 'Role', 'Recent Learning', 'Live Learning', 'Skill Benchmarks', 'Playlists', and 'Goals'. The 'Role' tab is active, showing a 'Get better at your role!' message and a 'Visit your Role Advisor' button. To the right, there is a 'LEARNING OF THE WEEK' section for 'JOURNEY INTRODUCTION' with a 'Start now!' link. A bottom section is labeled 'Recommendations for the Month'.