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Exercise: Web for the win! A crash course in building web apps

Thursday 27 March 2025 16:45 (1 hour)

Abstract/Description:

"Welcome to web dev 101! In this lecture we will go over the fundamentals (HTML, CSS, JS), tooling, overview of common UI libraries and frameworks, teach you the fundamentals of React development and testing, tldr user experience design, APIs, highlight modern features such as web assembly and WebGL.

Development of graphical user interfaces (GUIs) are often serious and timely undertaking, throughout all the different phases from the requirement gathering, design, user experience to the complexities of cross platform development with native GUI libraries. Web apps to the rescue!

Building web apps can help speed up this process and provide a platform agnostic interface for your software, which can run locally or remotely. Utilising design systems can take the pain of user interface design away allowing you to build beautiful and accessibility friendly UI components quickly. API backends can enhance the web app with capabilities to use external databases, software and programs."

Attended school

CSC 2024 (Hamburg)

Number of exercise hours

1

Number of lecture hours

1

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