

# Introduction to Web Development

Have you ever wondered how your favorite websites are made, or how the internet actually works? In Introduction to Web Development, you'll discover the secrets behind building web pages, using simple coding languages like HTML to structure your site and CSS to add color and style. We'll explore fun ways to make your pages look great on different devices, and you'll practice organizing your ideas in a way that makes sense to visitors. Throughout the class, you'll also learn how to spot and fix small mistakes in your code, making your website more user-friendly. Finally, you'll get to publish your very own web creation (with tools like GitHub Pages and Weebly), so everyone can see your work in action. By the end, you'll understand the basics of web design, feel confident in your coding skills, and be ready to show off your own slice of the internet! More information can be found at <https://lucasraicu.github.io/teaching/web.pdf>.

## Learning Objectives:

- Explore the Internet and Websites: Learn what the internet is, how websites are made, and why they matter.
- Understand Web Page Building Blocks: Discover how to structure a page with HTML and make it look cool with CSS.
- Use Simple Coding Tools: Practice writing and organizing code in a text editor or other beginner-friendly environment.
- Create and Publish a Personal Webpage: Build a small site, host it (e.g., on GitHub Pages), and share it online.



## Pre-requisites:

- No computer science or coding experience needed

## Target Audience:

- 6th grade through 8th grade

## Proposed time:

- 90 minutes

## Instructor:

- Lucas Raicu, Junior at Glenbrook South High School (GBS)



Lucas is a junior at Glenbrook South High School (GBS). He has taken a rigorous college preparatory curriculum that includes Algebra 2, Precalculus, Advanced Placement (AP) Calculus, Biology, Chemistry, Physics, Computer Science Honors, AP Computer Science, and Foundational Artificial Intelligence. He is aiming to pursue an undergraduate degree in computer science with the ultimate objective of earning a PhD and becoming a university professor. He is deeply passionate about music, sports, and academics. He holds prominent roles in the soccer and tennis program, while also leading the symphonic orchestra as the co-assistant concertmaster. He finds joy in playing chess and ping-pong with his friends, as well as skiing in the winter.

Even though he is only sixteen years old, he always strives to become the best version of himself.