



# Introduction to HTML, CSS and JavaScript

Zia Babar @ iSkills Workshop, Fall 2020  
Faculty of Information  
University of Toronto

[zia.babar@mail.utoronto.ca](mailto:zia.babar@mail.utoronto.ca)  
<https://www.linkedin.com/in/zbabar/>



# Agenda

- Introduction 10 minutes
- HTML 50 minutes
- CSS 60 minutes
- JavaScript 60 minutes



# Objectives

## Objectives

- HTML: Provides the basic structure of a website.
- CSS: Provides capabilities for website formatting, layout and presentation.
- JavaScript: Provides controls to manage the behaviour of different website elements.

By the end of this workshop, you'll be able to;

- Describe how websites are downloaded and rendered on a browser
- Have an understanding of HTML, CSS and JavaScript
- Create webpages using a combination of HTML, CSS and JavaScript



## About the Presenter...

Zia has over 10 years of professional industry experience, He has deep expertise in the design, development and deployment of enterprise applications, data engineering platforms and distributed systems, with a particular focus on incorporating machine learning practices and cognitive services into software applications.

Zia has completed his doctoral degree from the University of Toronto where his research studies focused on the analysis and design of cognitive systems for enabling enterprise transformation. He is also engaged in a multi-year research engagement with IBM Research Labs. Further, he is the organizer of multiple technology meetup groups in both Toronto and Waterloo, and a frequent speaker at technical events and conferences.



# Web Development Technologies

- **HTML:**

- HTML is the standard markup language for web pages.
- HTML can be used to create websites.

- **CSS:**

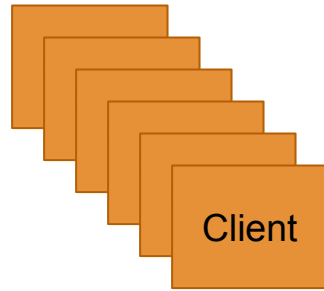
- CSS is the language used to style HTML documents.
- CSS provides guidance on how to display HTML elements.

- **JavaScript:**

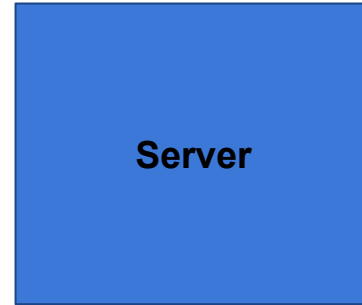
- JavaScript is one of the most popular programming language.
- JavaScript is used frequently for creating rich and interactive websites.



# Server-Side vs. Client-Side



HTML, CSS, JavaScript



C++, C#, Java, Python



# Development Platforms

- Jsfiddle.net (<https://jsfiddle.net/>)
- Brackets (<http://brackets.io/>)
- Visual Studio Code
- GitHub (<https://github.com>)



# References

- W3Schools
  - HTML: <https://www.w3schools.com/html/default.asp>
  - CSS: <https://www.w3schools.com/css/default.asp>
  - JavaScript: <https://www.w3schools.com/js/default.asp>



Zia Babar @ iSkills Workshop, Fall 2020  
Faculty of Information  
University of Toronto

[zia.babar@mail.utoronto.ca](mailto:zia.babar@mail.utoronto.ca)

<https://www.linkedin.com/in/zbabar/>