

Introduction to HTML and CSS -- HTML 和CSS 简介

About this course 关于本课

This course is for young people (age 10 to 17) who wants to learn how to do web programming using HTML and CSS. No prerequisite is required. The goal of the course is to teach young people how to create an interesting web site (use ONLY HTML and CSS) to “sell” themselves to college admission officers so that they can go to colleges/universities of their own dreams.

Words from Lecturer:

My name is Max Li (李海飞). I have taught college students for many years (17 to be exact). I also have industrial experiences for 6 years before coming to US for graduate studies. In addition, I have been a researcher at IBM Thomas J. Watson Research Center for 2 years. I got a doctoral degree from the University of Florida (2001), a master’s degree from the University of Florida (1998) and a bachelor’s degree from Xi’an Jiaotong University (1990). All my degrees are related to computer science and engineering.

VERY important requirement: A windows 10 laptop is required for the course. Please bring the laptop to the classroom every time because every student needs to use his/her own computer for working with the code.

Course Overview

Week 1: First Example: All about ME ME ME

Week 2: HTML Page structure, headings, links and button

Week 3: HTML formatting elements

Week 4: HTML list and color

Week 5: HTML table

Week 6: HTML images, block elements and inline elements

Week 7: Definition of CSS, id and class

Week 8: CSS Box Model

Week 9: CSS Flexbox

Week 10: CSS Grid

Week 11: Bootstrap – Part 1

Week 12: Bootstrap – Part 2

Week 13 to Week 16: Realize your dream. Let the world know you.

Week 13: Class project: Introduction to Amazon Web Services

Week 14: Class project: Introduction to AWS Amplify and CodeCommit

Week 15: Class project: Deploy websites using AWS Amplify

Week 16: Class Review and final exam