**The Web Developer Bootcamp 2021**

*Course Provider:* Colt Steele on Udemy - <https://www.udemy.com/course/the-web-developer-bootcamp/>

*Completed:* 31/07/2021

*Certificate of Completion:*<https://www.udemy.com/certificate/UC-72f1d9b0-9fe7-48b2-a62f-b018d9bcf806/>

**Description**

Full stack (front-end & back-end development) web development bootcamp designed to prepare students for the 2021 job market. 63 hours of video content, as well as exercises and projects. One major production application called ‘Yelp Camp’ is also walked through step by step.

**Tools & Technologies Covered**

* **HTML 5**
* **CSS 3**
* **Flexbox**
* **Responsive Design**
* **JavaScript (all 2020 modern syntax, ES6, ES2018, etc.)**
* **Asynchronous JavaScript**- Promises, async/await, etc.
* **AJAX**and single page apps
* Bootstrap 4 and 5 (alpha)
* SemanticUI
* Bulma CSS Framework
* **DOM Manipulation**
* Unix (Command Line) Commands
* **NodeJS**
* NPM
* **ExpressJS**
* Templating
* **REST**
* **SQL** vs. **NoSQL** databases
* **MongoDB**
* Database Associations
* **Schema Design**
* Mongoose
* **Authentication From Scratch**
* Cookies & Sessions
* Authorization
* **Common Security Issues - SQL Injection, XSS, etc.**
* Developer Best Practices
* **Deploying Apps**
* **Cloud Databases**
* **Image Upload**and Storage
* **Maps and Geocoding**

**Review**

This course has been an insightful first step into Web Development. The course instructor, Colt Steele, has been an excellent mentor with a contagious enthusiasm. I particularly benefited from the large production application ‘Yelp Camp’, which provided a holistic and cohesive understanding of the development process. I intend to refine my competency using the technologies introduced in this course through further projects. Although I don’t intend to become a career developer, this course has provided me with the skills needed to design my own web page/application, should the need arise. In addition, learning JavaScript has opened me up to new possibilities, as it is better suited than Python (which I have learned previously) to application development. This is an area which may be useful to me in the future, to program interactive visualisations of various mathematical models etc.