Bootstrap has many benefits that a web developer would value in their work. It is one of the most valued and used front-end frameworks. What makes Bootstrap unique? What makes it popular? Bootstrap is open sourced, and it incorporates HTML, CSS, and Javascript in its framework, in a way that is sleek, easy to understand and powerful. Once the extension for Bootstrap has been installed on the coders' IDE of choice, Bootstrap also comes with the following applications: its own scaffolding (the link styles, grid systems, and background), its own CSS and HTML as previously mentioned that is enhanced and extended, multiple Javascript plugins and custom jQuery plugins. All of this is customizable, the importance of which will be covered in the future.

Some of the main benefits of Bootstrap compared to other frameworks is that Bootstrap styles throughout entire libraries instead of storing in separate files. This feature allows for ease of access and usage. Additionally, bootstrap is compatible across multiple diverse platforms: Google Chrome, Firefox, Internet Explorer, Opera, and Safari. This of course brings ease to both the developer and the user, because the developer will know that their website will appear properly on different platforms and the user also does not need to worry about having problems with usability. Bootstrap is also very easy to get started with as long as the coder has some basic knowledge of HTML and CSS. It's important to have enough familiarity with these languages, enough to customize a page to your liking, in order to prevent the page from looking just like any other page that uses Bootstrap. A common mistake can be that the coder takes advantage of the features of Bootstrap, without adding their own CSS to style their own HTML aspects, and what this does is that it makes the website look like any other website using Bootstrap. It's very important to value the rules of design, and also incorporate one's own creativity to have a signature mark on their website. Another common mistake is that coders take advantage of Bootstrap without also taking the time to understand and learn the features independently. One last common advantage of Bootstrap is its responsiveness in design. The CSS of Bootstrap can adjust to a variety of different screen sizes.

All of these qualities, when combined, learned, and customized to fit the website, can prove that Bootstrap is a very powerful and useful tool. Bootstrap has transformed

front end programming by offering incredible features that help to make usable, and beautiful.