**BOOTCAMP**

A bootcamp is a technical training program that teaches the programming skills that employers look for. Bootcamps enable students with little coding proficiency to focus on the most important aspects of coding and immediately apply their new coding skills to solve real-world problems.

The goal of many bootcamp attendees is to transition into a career in web development. They do this by learning to build applications at a professional level - which provides the foundation they need to build production-ready applications and demonstrate they have the skills to add real value to a potential employer.

**WHY BOOTCAMPS ARE IMPORTANT**

We live in a world where technology is continuing to evolve. Technology is drastically changing how we do everything in our lives. It’s more common than ever to get around using Uber or Lyft, technology driven transportation companies. Companies like Apple, Square and PayPal are changing how we pay for things. It seems every industry is being radically impacted by how technology is shaping the world around us.

Software is taking over the world. This shift changes how we live our lives, but also requires employees with software engineering skills capable of building the technology that we all use.

Attending a bootcamp is a viable path to transition into a career in web development as an alternative (or supplement) to graduating with a 4 year degree in Computer Science to helping fill the need of skilled software engineers in industry.

**HOW BOOTCAMPS WORK**

Bootcamps last anywhere from 6 weeks to nearly two years, but with programs typically spanning a range from 12-40 weeks. Given the condensed time frame of training, it is critical that these education programs are designed around two core pillars: speed and high-impact learning. Let's look at why both of these are critically important.

**SPEED**

Most computer science students spend 4 years completing their degree. Computer Science degrees includes classes on wide range of topics relevant to computing. Most students will take classes on programming and software development. In addition, when taking a four year degree, there are many classes on topics like networking, operating systems and computing theory that are helpful for understanding the topic in academia, but that are disconnected from the daily life of a software developer in the real world.

Bootcamps isolate the most relevant skills from a 4 year degree and infuse it with relevant industry skills to bridge the gap between the theoretical world of academia and the real world that meets the current needs of the industry.

Despite the two programs being different, both a four-year degree in Computer Science and graduating from a quality bootcamp can provide a viable path to starting a career as a web developer. Many people do both.

**HIGH IMPACT LEARNING**

Bootcamps focus on high-impact learning and teach only the skills that will prove to be most relevant in the real-world. These programs focus intensely to skill their members up with exactly what they will need to be successful coding in the professional world.

The time frame that members attend a bootcamp is relatively short when compared to traditional training with a four-year degree from university. In order to make this work, all non-essential skills are ruthlessly cut from the bootcamp curriculum.

This means that bootcamps are ideal for people who want to obtain the technical skills that will help them become employable, but to also do so in a very short time frame.

Given bootcamps focus to provide an accelerated rate of high-impact learning, these education programs are not for everyone. Instead, these programs are designed specifically for people who want to maximize the amount of skills they obtain in a short amount of time during an intensive training experience.