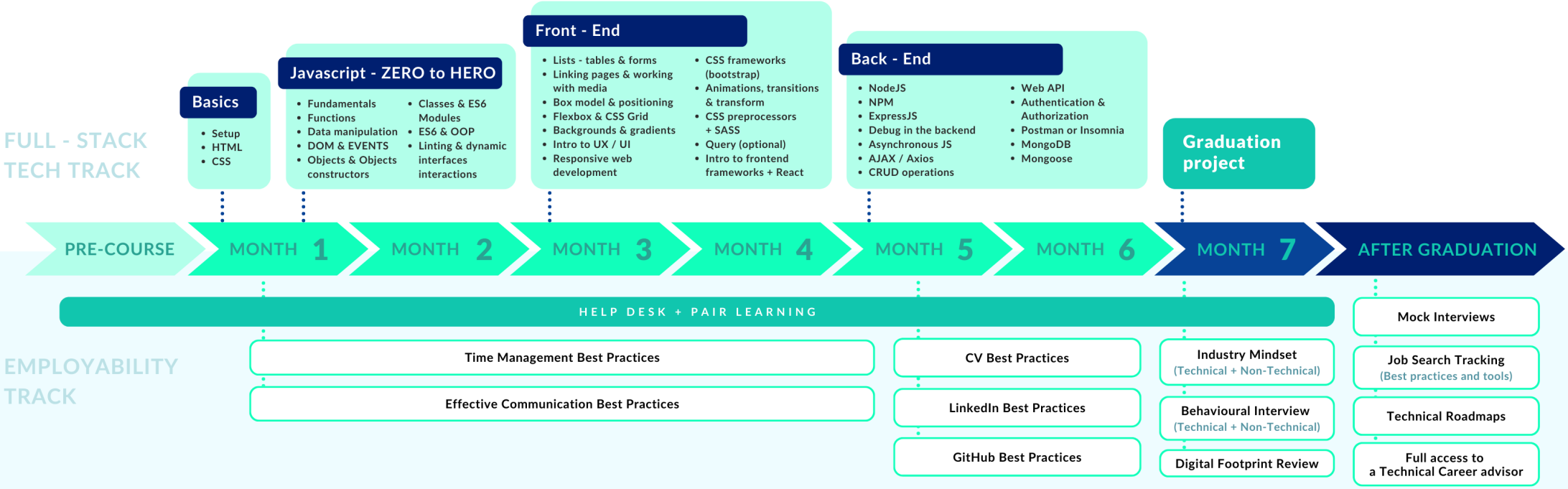
social hackers academy

Full-Stack Web Development Career Track



FIRST STEPS TO JAVASCRIPT

Introduction to Programming with JavaScript

Before diving into programming

Join Discord

How to use Discord effectively

Why JavaScript?

Quiz: Join our Discord Community

Intro to Programming With JavaScript

Introduction

What is JavaScript used for?

The Developer Console

Operators in JavaScript

Quiz: Operators

Some JavaScript data types

Introduction

Variables

Practice: Variables

String

Practice: Strings

Boolean

undefined & Null

Conditionals

Introduction

if ... else if ... else statements

Practice: Conditionals

Loops

Introduction

While Loop

For Loop

Practice: Loops

Functions

Practice: Functions

Data Structures

Objects

Practice: Objects

Arrays

Practice: Arrays

What's next?

FULL-STACK WEB DEVELOPMENT COURSE

Dev Environment Set Up — 1 Week

- Set up all the necessary Services & Accounts
- Setting up a Web Development Environment
- VScode
- Command line basics
- Git basics

Basics HTML & CSS — 1 Week

- Intro to the Frontend
- HTML & CSS Basics
- Dev tools

JavaScript Zero to Hero — 6 Weeks

- Fundamentals
- Functions
- Data manipulation
- DOM & EVENTS
- Objects & Objects constructors
- Classes & ES6 Modules
- ES6 & beyond & OOP
- Linting & dynamic interfaces interactions

Front-End — 8 Weeks

- Lists - tables & forms
- Linking pages & working with media
- Box model & positioning
- Flexbox & CSS Grid
- Backgrounds & gradients
- Intro to UX / UI
- Responsive web development
- CSS frameworks (bootstrap)
- Animations, transitions & transform
- CSS preprocessors + SASS
- Query (optional)
- Intro to frontend frameworks + React

Back-End — 8 Weeks

- NodeJS
- NPM
- ExpressJS
- Debug in the backend
- Asynchronous JS
- AJAX / Axios
- CRUD operations
- Web API
- Authentication & Authorization
- Postman or Insomnia
- MongoDB
- Mongoose

EMPLOYABILITY CURRICULUM

SOFT SKILLS COURSE + HOW TO GET A DEV JOB COURSE

Month 01

Section #1 Intro To Employability & Effective Learning

Understanding what makes a person employable and what skills companies are looking for in potential hires. Also, we will be talking about how you can get the most out of the course.

Section #2 Self-Awareness

1. What makes a person self-aware? We will be using a variety of tools and methods to better understand ourselves and the career we want to eventually get into.
2. Office Hours to make sure that our students are aligned with their expectations, and that would be through Analysing progress which would lead to much more understanding themselves, being much more aware and incharge of their future.

Month 02

Section #3 Communication

We will be exploring and practicing ways to become an effective communicator.
- Effective and supportive communication attributes.
- How to ask Good questions.

Section #4 Time-Management & Effective Learning

1. We all have a very limited asset that no money can buy: our time. Knowing how to manage it effectively and what tools to use can increase our value provided to the world exponentially.
2. How to succeed in remote learning and Manage time/tasks within a customized time fram and used tools to meet the high level expectations of SHA program.

Month 03

Section #5 Feedback & Teamwork

Whatever career you choose, being an effective team player & giving others feedback is likely to be a huge asset allowing you to supercharge your personal growth and climb the career ladder.

Section #6 Creativity & Critical Thinking

Complex problem solving & innovative thinking are some of the most critical skills to be successful in your career. We will be exploring different tools & methods for you to practise these skills.

Month 04

Section #7 21st Century Mindset

What are employers looking for? How to future-proof yourself to thrive in the ever-changing 21st Century?

Section #8 CV

1. We will explore what makes CV a success and our team will review your CV to ensure it is all polished and ready for recruiters.
2. Individuals Review.

Month 05

Section #9 LinkedIn & Personal Brand

1. Together, we will designing an effective LinkedIn Profile and employing LinkedIn job seeking strategies.
2. Individuals Review.

Section #10 Interviews

1. Individual one on one support from our team to make sure you are prepared & have all the tools you need to successfully venture out into the job seeking journey.
2. Personal Narrative Plus Technical Narrative.
3. Interview structure flow.
4. TBD techniques (To Be Determined)

Month 06

Section #11 Alumni Q&A

Meet with successful Alumnis to ask them whatever you want to learn about landing a job as a developer.

Section #12 What's Next Prepare Your Post-Course Strategy

1. Individual one on one support from our team to make sure you are prepared & have all the tools you need to successfully venture out into the job seeking journey.
2. Job Search Process.
3. Job search Follow up with SHA employability department.

Ready to enroll for our next career track?

Apply Now >