Full-Stack Web Development

From Office Worker 👨‍💼 to Developer 👩‍💻 – Your path to a career in Web Development
Course Program January 8 – June 28, 2024

Where do the courses take place?

Hamburg Coding School
Gasstraße 4
Haus K
22761 Hamburg

Take S-Bahn S1 to Bahrenfeld,
then it's only a 10 minute walk.

📍 Hamburg Coding School

Ask us anything!

Eva is happy to answer all your questions regarding our courses:
eva@hamburgcodingschool.com

Jonas consults you about our courses and your career choices. Set an appointment with him:
jonas@hamburgcodingschool.com

www.hamburgcodingschool.com

General Information

Course Program

The course program consists of **6 course modules** with a class size of 3 to 8 students.
In addition, you take part in **8 workshops**, and work on **2 individual projects**.
1:1 coaching sessions with an experienced software developer help you in your career change towards a career in web development.

Studying at Hamburg Coding School

- Study web development alongside your current nine-to-five. Our courses are **evening classes** you can take **while staying on your job**.

- Small classes: Nowhere else will you find classes **limited to 8 participants**. The small class size guarantees that we can support every single student individually.

- **You don't need any prior knowledge** to take our courses. Each trainer makes sure that every student is supported according to their level.

- Learn from the best: Our **trainers are professional software developers** with years of experience and currently work in the software industry in Hamburg.

- Career support: After the course program, we will **support** you in **finding an appropriate job as a web developer**. You can benefit from our personal referrals and our network in Hamburg's software industry.

Why Hamburg Coding School?

We are not a boot camp, but a training institute with a friendly learning environment and individual support at every step.

Small Classes

Each class has 3 to 8 people. Small enough for the teacher to take care of everyone.

Individual Support

We make sure you understand everything and support you in the most human way. ☺

Courses

The course program consists of six course modules which take 2-3 weeks each.

HTML and CSS

Dates: January 10 – January 29, 2024　　　**Sessions**: 9

Time: Mon, Wed, Fri: 6pm – 9pm　　　**Total hours**: 27h

Learn how to build your own website with HTML and CSS.
HTML (9h) is the **underlying structure** of every website. You learn how to create the structure of your website and links between pages. **CSS (9h)** is your tool for adjusting the **layout and design** of your website and makes your website look good and stand out. On this foundation, you build your own personal website and deepen your skills.

Learn to Code (JavaScript)

Dates: February 2 – February 19, 2024　　　**Sessions**: 8

Time: Mon, Wed, Fri: 6pm – 9pm　　　**Total hours**: 24h

JavaScript is your first programming language. It is one of the **most popular** languages and a must-know for web developers.
In this course, you learn the **principles of programming** based on this language, which are easy to transfer to any other programming language you encounter in the future.

JavaScript for Web

Dates: February 21 – March 8, 2024　　　**Sessions**: 8

Time: Mon, Wed, Fri: 6pm – 9pm　　　**Total hours**: 24h

In this course, you learn how to use JavaScript for state-of-the-art web development. You work on your own project: a **travel blog web application**. In particular, you display blog posts with **images and text on a world map** instead of a regular blog list. Additionally, you can show your travel route between posts.

Databases

Dates: April 8 – April 15, 2024   **Sessions**: 4

Time: Mon, Wed, Fri: 6pm – 9pm   **Total hours**: 12h

In order to save and manage a large quantity of data, **you need a database**. This is often a requirement all developers encounter in their daily work. This course teaches fundamental knowledge about **relational databases**, SQL languages and using databases in applications.

Node.js

Dates: April 22 – May 10, 2024   **Sessions**: 8

Time: Mon, Wed, Fri: 6pm – 9pm   **Total hours**: 24h

Take your web development skills to the next level: **back-end development**. Your trainer shows you how to set up a **server application with Node.js**. Additionally, you will move your data to a **MongoDB database**. With this, you take care of delivering posts, pictures and metadata of your travel blog from the previous course.

React.js

Dates: May 13 – May 31, 2024   **Sessions**: 8

Time: Mon, Wed, Fri: 6pm – 9pm   **Total hours**: 24h

In this course, you learn how to use the **web framework React.js**. You **add social features** to your web application from the previous courses, so that you can collaborate with a friend or partner to let them write posts on your travel blog as well.
React.js is an important framework for more complex web applications. You gain **important insights** into the state of the art of **modern web development** and its vibrant online community.

Workshops

Network Technologies

Date: January 8, 2024   **Sessions**: 1

Time: Mon: 6pm – 8pm   **Total hours**: 2h

Do you want to know **how the internet works**, and how servers and clients communicate with each other? In this course, you learn all about it. You will understand how a message from WhatsApp finds its route to the server and onward to the recipient, and which technology is used to make all that possible.

SEO

Date: January 31, 2024   **Sessions**: 1

Time: Wed: 6pm – 8pm   **Total hours**: 2h

Now that you have built **your own website**, you also want it to **show up on Google**. If your website ranks well, it is among the first search results, and becomes easier for people to find. Improving the ranking of your website is called *Search Engine Optimization (SEO)*. In this workshop, we show you how to improve your website's code for SEO.

Design Fundamentals

Date: March 11, 2024   **Sessions**: 1

Time: Mon: 6pm – 9pm   **Total hours**: 3h

For creating websites, it is useful to know the basics of **web design**. In this workshop you learn about color schemes, layouts, typography, design tools and UX. Equipped with this knowledge you will be able to use CSS to build good looking and user friendly websites.

Git and GitHub

Date: March 13 – March 15, 2024   **Sessions**: 2

Time: Wed, Fri: 6pm – 9pm   **Total hours**: 6h

Learn how to use *Git* for **version control** of your project. You can manage different versions of your code and see changes between each version. On *GitHub*, you can host your project and get feedback on your code by other developers.

MongoDB

Date: April 17 – April 19, 2024

Time: Wed, Fri: 6pm – 9pm

Sessions: 2

Total hours: 6h

In this workshop, you learn about **document-based databases**, which database to select for your application, and how to use **MongoDB** and integrate it into a web application.

Testing with JavaScript

Date: June 3, 2024

Time: Mon: 6pm – 9pm

Sessions: 1

Total hours: 3h

To find out if your code works as intended, you need to test it. In this workshop, we teach you how to write **automated tests**. You build test suites for your JavaScript project and learn about all different types of tests.

Web Security

Date: June 5, 2024

Time: Wed: 6pm – 8pm

Sessions: 1

Total hours: 2h

Ever wonder why your browser tells you some websites are not secure? This course teaches you what you need to know as a developer **to build a secure website**. You learn about **HTTPS**, **SSL** and **cookies**, and get your first experience in "hacking" a website.

Continuous Integration / Continuous Delivery

Date: June 7, 2024

Time: Fri: 6pm – 9pm

Sessions: 1

Total hours: 3h

How do you deploy a web application? In this workshop you will learn how you can publish your application and what tools you can use to test, double-check, and automatically release new versions. This automatization process is called CI/CD: Continuous Integration / Continuous Delivery.

Learning Methods

Classroom Courses

All our courses are classroom courses. You will have classes on Mondays, Wednesdays and Fridays from 6pm to 9pm. Expect to spend about 9 hours a week in class.

Project- and Homework

There will be homework. This is optional but recommended, especially if you have little prior knowledge. You will also do two projects where you work on your own on a web application. Expect to spend about 5–9 hours per week on homework.

Quality Standards

With our quality standards, we make it our first responsibility to provide a learning environment where every student is supported and gains important skills. Our quality standards are derived from the Weiterbildung Hamburg e.V. quality standards. They include:

- Hands-on training in technologies used in the industry
- Student-centered teaching
- A supportive learning environment
- Classes of small size
- Continuous individual support

You can read the full quality standards on our website: www.hamburgcodingschool.com/quality

Who can enroll?

Future students should

- be 18 years or older,
- be located in Hamburg or able to commute,
- have a good level of English,
- have the required time (15 hours a week on average),
- bring their own laptop (we recommend MacBooks), and
- have the necessary determination to learn web development.

Visit us and get tailored advice

Jonas Schmidt

Course Consultant   jonas@hamburgcodingschool.com

Schedule on Calendly or write an email. Jonas is happy to answer all your questions.

Try out coding at our free events

Every six weeks you can get an introduction to coding at our trial lesson. This way, you can test if coding is something you like.

Bring your laptop!

hamburgcodingschool.com/trial-lesson

Get 3rd party consultation

This office will help you weigh the alternatives and decide if our courses are right for you.

https://www.weiterbildung-hamburg.de/

Course Location

Main Course Room
Hamburg Coding School
Gasstraße 4
Haus K
22761 Hamburg

Google Maps

Secondary Course Room
Coworking-Space Die Diele
2. OG, Konferenzraum
Borselstraße 7
22765 Hamburg

Google Maps

Amenities include

- WiFi
- Drinks and snacks

House Rules

- You have access to the course rooms between 6pm and 9pm. If you want to use the co-working space outside these hours, contact us for a discount.
- Be respectful with each other. We adhere to the Berlin Code of Conduct.
- The classroom and offices are strictly non-smoking areas.
- If the door or gate is closed, call your trainer to open it.
- Watch your belongings. Hamburg Coding School is not responsible for theft or damage.
- For the duration of the class, you are protected by our accident insurance.

Fees and Financing Options

We pride ourselves with delivering high-quality courses in a supporting classroom environment not found anywhere else. This has its price, but we happily support you with financing options.

Total price of the package	**€8,500**
Average price per hour	€50/h

All prices incl. 19% VAT.

Payment in Installments

Instead of paying your course fee up-front, you can pay in 6 monthly installments. The monthly rate would be **€1,480**, totalling in an overall sum of **€8,880**.

All prices incl. 19% VAT.

Write us an email:
questions@hamburgcodingschool.com

Study Now, Pay Later – Based on Your Income

With the Income Share Agreement, **CHANCEN eG** takes care of your tuition fees. Once you start working, you make income-based repayments to finance the training fees of future generations.

More information:
Finance your course with Chancen eG

CHANCEN eG

Frequently Asked Questions

When does the course program repeat?

The Full-Stack Web Development course program starts every quarter, i.e. every 3 months.

What happens if I miss a session or a course?

Missing one session is usually not a problem. We can find a way for you to catch up with the class. If you already know you are going on vacation for several weeks during a course, we recommend you take the following course program after that.

Can I repeat a course?

Yes, you can. If you booked a course, you are allowed to take this course again. This way, you can repeat topics, or do classes you missed before. Note that this is only possible if there are enough free seats left, and if the course will take place as planned.

How is the quality of teaching?

Our trainers are all experienced professional software developers. They know the software industry well and know the state of the art as they work with it daily. This is important due to the constant change in technologies, tools, and languages.

We carefully select only trainers who have a talent for explaining complex technical topics in a way that is easy to understand. We know from our own experience that this is the most important quality you need in a teacher.

I want to enroll in the course program, but I can't afford it

Financing options are available. Get in touch with us! (eva@hamburgcodingschool.com)

The Full-Stack Web Development Program is quite expensive

It is our goal to offer high-quality classes which support the individual and lead to effective learning results. We can only achieve this high standard with experienced trainers and a small class size. This has its price, but we assure you that it is worth it. After all, we also support you in finding a job through our personal network. In the end, you will not only invest in your education, but also into your career and the entry to a whole new chapter of your life. ☺

Contact Us

We are always happy to answer your questions and help you

We offer individual course program consultation. Our consultant Jonas is happy to answer all of your questions. He will give you unbiased advice if the course program is for you. And he can advise you on our financing options. Call or send an email.

Jonas Schmidt

Course Consultant　　　jonas@hamburgcodingschool.com

Schedule on Calendly, or write an email. Jonas is happy to answer your questions and advises you regarding your career change.

Eva Dressel

Customer Service　　　eva@hamburgcodingschool.com

Write an email. Eva is there for your to answer any questions regarding our courses, organizational and invoicing issues.

Teresa Holfeld

Director　　　teresa@hamburgcodingschool.com

"The best way of learning the craft of coding is to be in the room with someone who has a talent to explain complex things in a simple way."

HAMBURG CODING SCHOOL

HCS Hamburg Coding School GmbH, Gasstraße 4, 22761 Hamburg
contact@hamburgcodingschool.com • +49-40-22863615
Handelsregister Hamburg: HRB 170671 • Geschäftsführer: Teresa Holfeld

www.hamburgcodingschool.com