JAX CODE ACADEMY

FULL-STACK CURRICULUM

Software Development

12 Weeks of Coding Bootcamp, Optional **Internship**

✓ **Career Focused**
Job market preparation is built into the curriculum

✓ **Hands-On Experience**
Build skills through real-world project based learning

✓ **$90K Average Salary**
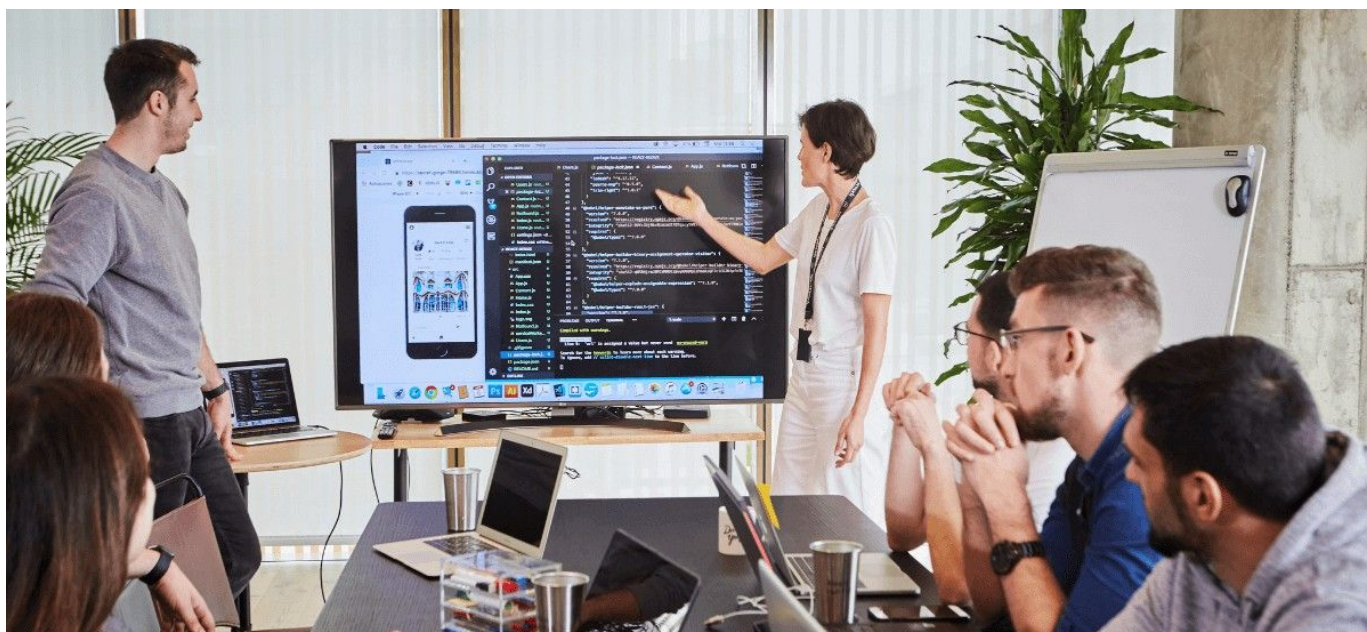For a full-stack entry-level developer in the US, in 2023

✓ **100% Community Support**
Access to on-going support from instructors, mentors, and students.

Course Overview

The Jax Code Academy Full-Stack Coding Bootcamp is an intensive program designed to give you a strong foundation in web development. You'll learn the skills and tools you need to secure a job in the technology industry. The full-stack curriculum is centered around programming technologies which form the foundation of leading websites and applications worldwide.

✓ Build your skills & portfolio through hands-on, project-based learning

✓ 1-on-1 Mentoring to support you throughout coding bootcamp and Internship.

✓ Flexibility for all schedules. Attend classes in-person and/or online. Day and night programs offered.

✓ Community Support: Full-time access to support from instructors, mentors, and students.

✓ Start coding from day one. You'll build real-world projects from the first week.

✓ Learn to collaborate on code in real-world scenarios with instructors and other students.

Bootcamp Schedule

Classes are scheduled for three days every week, with each session lasting three hours. Students are expected to allocate additional hours outside of class for project work and review.

Students have full-time access to the Jax Code Academy community, encouraging collaboration and offering continuous support.

☀ **Day Classes**   IN-PERSON & ONLINE

Days   Monday, Tuesday, Wednesday
Hours 11am - 2pm

🌙 **Night Classes**   IN-PERSON & ONLINE

Days   Monday, Tuesday, Wednesday
Hours 6pm - 9pm

MODULE 01

Fundamentals

The program will begin with a comprehensive introduction to web development. This includes setting up your development environment, understanding HTML, CSS, Git, and CLI. Students gain proficiency in creating web pages, implementing styling, personalizing their development environment, utilizing Git for version control, and effectively interacting with their computer's operating system through the Command Line Interface.

- Environment Setup
- HTML
- CSS
- Git/Github
- Command Line Interface (CLI)
- Debugging
- Accessibility

MODULE 02

Javascript

You'll then dive into JavaScript, exploring core concepts, syntax, and functionality. You will learn how to manipulate the Document Object Model (DOM), handle events, validate data, and create web pages that are dynamic and interactive. Moreover, you will develop an understanding of asynchronous programming and discover how to effectively utilize APIs to retrieve data.

- Javascript
- DOM Manipulation
- APIs
- JSON
- Asynchronous Programming
- User Interaction
- Animation

MODULE 03

MERN Stack

We'll then move to the MERN stack, which stands for MongoDB, Express.js, React, and Node.js. Students will learn how to build full-stack web applications using this popular JavaScript-based technology stack. You'll gain proficiency in setting up a back-end server, integrating a NoSQL database, and developing a responsive front-end using React.

- MongoDB
- Express.js
- React
- Node.js
- noSQL Databases
- RESTful APIs
- API Testing
- Deployment

MODULE 04

LAMP Stack and Python

This module introduces students to the LAMP Stack, which stands for Linux, Apache, MySQL, and PHP. Together, these components provide a robust environment for building and deploying dynamic websites and web applications. Students gain practical skills in database interaction, user authentication, authorization, server deployment, SQL databases, and security considerations. Also included in this module, is an introduction to Python. Python is widely used in various domains, including web development, data analysis, artificial intelligence, and automation.
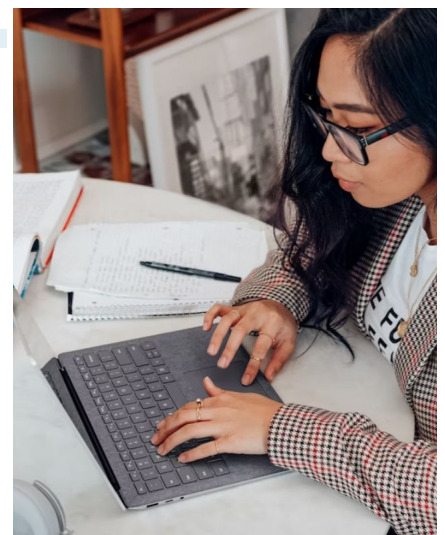
- PHP
- Python
- SQL Databases
- Authentication
- Authorization
- Server Deployment
- Security

POST GRADUATION

Internship

You'll continue learning advanced subjects and gain practical experience with the latest web development technologies.
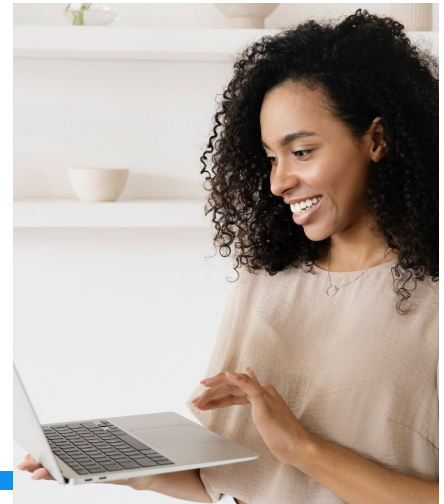
As an intern, you'll have the opportunity to work alongside experienced professionals, solving real-world coding challenges. Build your resume, experience, skillset, and connections -- all of which greatly aid in securing future job opportunities.

Internship

All Jax Code Academy graduates are eligible for Internship. As an Intern, you'll actively participate in the software development lifecycle, using cutting-edge technologies and industry-standard tools. Through hands-on experience, under the guidance of seasoned mentors, you'll enhance your coding abilities and create scalable software solutions.

As a member of the Internship team, you'll gain first-hand insight into the complexities of software engineering while collaborating with a diverse group of talented professionals.

As an intern, you'll have the opportunity to work on a diverse range of projects, fostering your growth as a software engineer. Project duration varies, typically from 3 to 8 weeks.

Specific projects during Internship will vary based on the needs, requirements, and scope of current work within the Internship team. The following focus areas outline the types of work students can explore during Internship.

Web Application Development

Collaborate on developing web applications using modern technologies and frameworks, focusing on both front-end and back-end technologies.

Website Re-Work And Enhancement

Work on revamping existing websites, improving user experience, optimizing performance, and implementing new features based on client requirements.

API Development & Integration

Work on development and integration of custom APIs (Application Programming Interfaces) for web applications, allowing seamless data exchange with external services.

Database Integration & Management

Collaborate on integrating databases into web applications, designing and implementing data models, and developing efficient data management strategies.

User Interface & Experience (UI/UX)

Focus on designing and coding intuitive and visually appealing user interfaces, considering user experience principles, usability testing, and implementation.

Content Management System (CMS)

Customize and extend the functionality of popular CMS platforms, such as WordPress or Sanity.io, by developing custom themes, plugins, modules, and applications.

Throughout the internship, you'll be able to measure your progress and accomplishments through tangible results. By the end of the program, you'll have demonstrated your proficiency in various programming languages, frameworks, and tools. This Internship will represent your skills and dedication, showcasing your potential to future employers in the software development field.
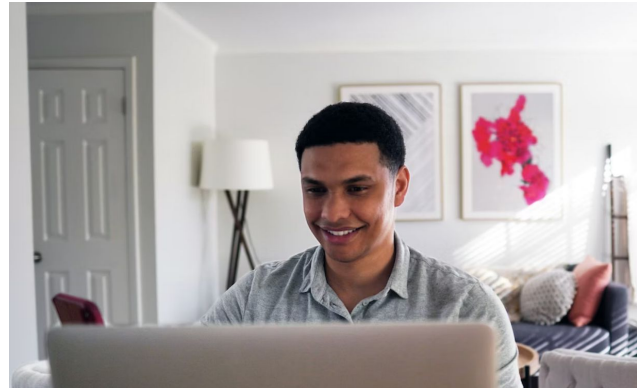
Career Services

Career services are an integral part of Jax Code Academy, and a core part of the Coding Bootcamp curriculum.

Portfolio Development

During this course, students go beyond theoretical knowledge, and instead focus on practical application. You'll build many real-world projects, including a website portfolio and a Github portfolio.

These will showcase your projects, demonstrating your proficiency in various web development technologies, and highlighting your problem-solving abilities.

Continuous Assessment

To ensure your progress, and readiness for working in the technology industry, coding bootcamp incorporates regular assessments and feedback.

These evaluations will help you identify areas of improvement, refine your skills, build confidence in your abilities, and prepare for future job interviews.

Collaboration Opportunities

Collaboration is an essential aspect of real-world software development. This course encourages teamwork and provides opportunities to collaborate on challenging web development applications.

You'll learn how to effectively work with other developers, using industry best practices and tools. You'll become familiar with the ways developers communicate and work with their teams.

This skillset enables you to effectively communicate to hiring managers and interviewers that you understand how to work in a real-world context. This also allows you to seamlessly integrate into your first web development job post-bootcamp.

Jax Code Academy Graduates Hired At

Mentorship

You'll have dedicated mentors by your side, providing valuable guidance and support, throughout the course.

Personalized Guidance

During Coding Bootcamp, you'll work with Jax Code Academy mentors. Your mentors, experienced professionals in the field of web development, will provide personalized guidance. They will offer insights, advice, and strategies to help you navigate your learning journey effectively.

Accountability and Support

Your mentors will serve as accountability partners, keeping you motivated, focused, and providing ongoing support throughout the course. With their guidance, you will stay accountable to your learning objectives and make consistent progress in mastering web development skills.

Industry Insights

Your mentor's expertise and industry experience will give you a unique perspective on the web development field. They will share industry insights, trends, and best practices, helping you stay up-to-date with the latest advancements and ensuring your skills align with industry standards.

Community Support

As a web development student, you'll have access to a vibrant and supportive community, **both in-person and online.** This collaborative network provides an enriching environment where you can engage in meaningful discussions, share insights, receive feedback, and foster valuable connections to enhance your learning experience.

Enrollment

Learn About the Program

- Explore our website and program materials.
- Schedule a call with a member of the Jax Code Academy admissions team.
- Contact the admissions team and ask to get in touch with Jax Code graduates.

Submit Your Application

The application process takes less than five minutes to complete and does not include a technical assessment.

The expansion of technology-driven industries and an ever-increasing reliance on digital platforms, is creating a growing need for talented software developers.

Explore Financing Options

Jax Code Academy offers a range of tuition payment options, allowing students to pay at their own pace.

Single Payment
Reduced tuition for up-front payment in full.

Deferred Tuition
Pay your tuition after you graduate & get hired.

Monthly Payments
Make monthly tuition payments with Affirm.

For more information about financing options, see the Jax Code Academy website.

Average Entry-Level Web Developer Salary in Jacksonville
$78,000*

Average Salary in Jacksonville
$57,819*

Tuition at Jax Code Academy
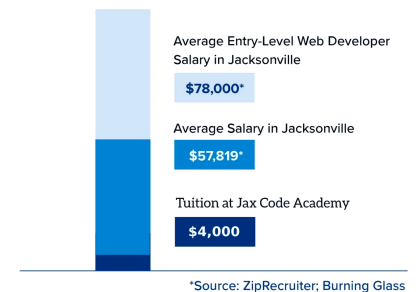**$4,000**

*Source: ZipRecruiter; Burning Glass

Finalize Enrollment

Choose your financing and enroll to reserve your seat in class!

Your Enrollment Advisor will reach out to make sure you are prepared to start bootcamp.

Is this Coding Bootcamp right for you?

- ✓ You are a beginner or intermediate level web developer.
- ✓ You are an experienced web developer looking for a new set of skills.
- ✓ You need flexibility in attendance to integrate coding bootcamp with your busy lifestyle.
- ✓ You have a passion for tech and career growth.
- ✓ You have a strong motivation to strengthen your coding skills.
- ✓ You value guidance, mentorship, and community support in your education.

Apply Now