

Program Details

Web Development

 +1(305) 237-6273

2025

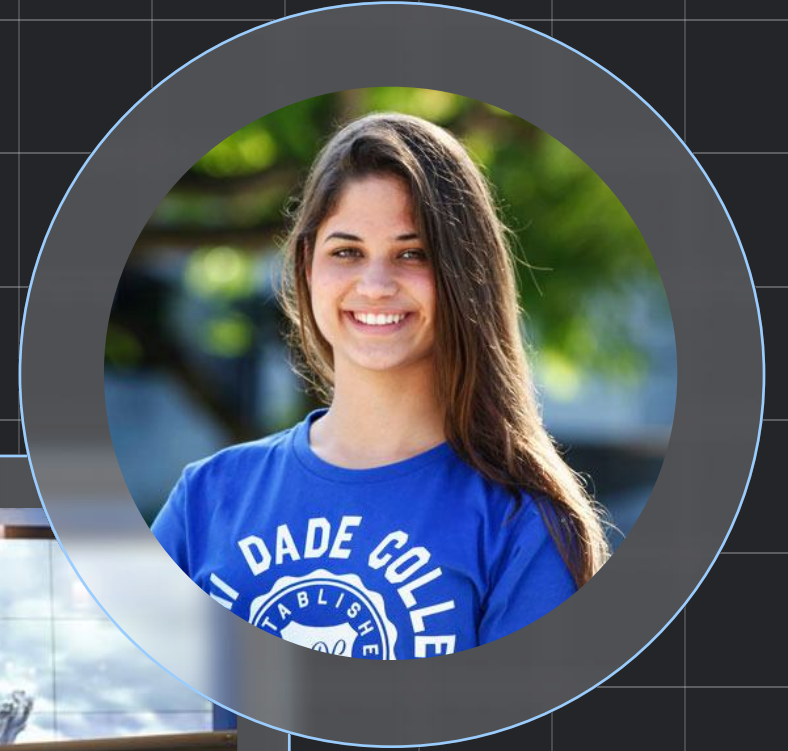


About Miami Dade College

Miami Dade College is among the most diverse institution in the nation, with an alumni and employees network that contribute more than \$3 billion annually to the local economy.

The school of continuing education provides the latest workforce programs you need to advance your career including customized courses tailored to meet your company's needs. Whether you are interested in the arts or athletics, we offer a variety of courses for you and your family's personal enrichment.

There is something for everyone. Visit one of our eight campuses to meet our team and learn more about our programs!



Relevant Facts

4Geeks Academy

Awards and recognitions

4Geeks specializes in boosting careers with code. Through our programs and our methodology you'll become a competent professional in just a few months, ready to start a career as a developer, data analyst or even founding your own start-up.

The quality of our education has been endorsed by a number of awards and recognitions (that we're very proud of):

Top Online FS Bootcamp

We've been nominate
by Forms as top online
coding bootcamp
for 2024

Top Coding School

Recognized as one
of the top 10 coding
bootcamps in the USA

FORTUNE

Best eBootcamp for 2024

We've been nominate
by Fortune as top
eBoocamp for 2024



+4K
Graduates



82%
Hired



8
Campuses



4.92 / 5
Rating

Why study Web Development?

In the US the average salary after graduating from our bootcamp is around 58K for an entry level position. For an experienced developer salaries go as high as \$120K.*

Our program will not only train you to become a developer who can build end of a web application, but also teaches you the most sought-after technologies in the job market today.

- **Innumerable job opportunities:** Developers are in high demand. All types of companies are looking to hire developers and software engineers.
- **A higher income:** As a developer you'll have access to higher median salaries right away.
- **Job growth:** The number of jobs in the sector has been rapidly increasing and is expected to continue doing so.
- **Entrepreneurial opportunities:** Studying Web Development will give you the skills and tools to launch a startup too.

*Glass Door. Updated September 15, 2022

About his experience at
4Geeks Academy

“

It has been an incredible and very useful experience for my career. They teach phenomenally and are suitable even for those they don't know anything about programming. They really care about their students' learning process

Luis Rosales

Full Stack Developer at Hiberus



Web Development Program

Designing our syllabus was an intense process that covered many areas, including: the popularity of each technology (both current and projected), frameworks and libraries, the most appropriate teaching methodologies, quality control, average salaries, the job market and the demand for each set of skills.

At 4Geeks Academy we have a unique, personalized approach to each student's learning process, and the content of our courses is in constant evolution to ensure they're always up to date and of the highest quality.



PROGRAM OVERVIEW

Introduction

HTML5+CSS3+JavaScript.

Reviewing the fundamental programming concepts, ensuring that we're all on the same page.

Projects

CSS Postcard (a minimal version of Instagram).

Front-End

Learn about GIT, DOM, JavaScript, working with Arrays, JSON, React, Bootstrap, and API consumption on the Front-End.

Projects

Image portfolio: Upload your portfolio to GitHub, create a web page, and more.

Serverless Back-End

Learn to use Firebase to add authentication into your project, integrate a database, collections, user uploaded images and dynamic content.

Projects

Course application system, task management system, database management.

Full-Stack Web Development

Develop and present your final project, using all the technologies learned.

Projects

Conceptualize, design, program, test, and publish your own web application.

Coding Mentorship **GeekPAL**

Get mentorship from Rigobot, our AI mentor. From our chat support channels or during live classes.

+280

Hours of classes, exercises, and projects.

14 weeks

Live classes
3 times a week

Introduction

🕒 2 weeks

📖 12 Lessons

📝 5 Exercises

💻 2 Projects

🧠 4 Quizzes

MODULE 1: Introduction

- Introduction to LearnPack (tutorials and interactive exercises).
- The basics of Internet Architecture.
- Gitpod.
- HTML (theory and practice).
- CSS (theory and practice).

MODULE 2: Layout Construction

- How to use HTML and CSS together.

MODULE 3: JavaScript

- Variables
- Conditionals
- Arrays
- Loops
- Functions

MODULE 4: JavaScript Practice

- Complete selection of interactive and automatically graded JavaScript exercises.



PROGRAM

PART-TIME

🕒 18 weeks

MODULE 1

Think like a computer 2 weeks

- Master the terminal, control the flow of your code, create algorithms, loop, use conditionals.
- Use/mix JavaScript with HTML5 and CSS3, and rely on Bootstrap to launch your first interactive website.

Projects

Image portfolio: Upload your portfolio to GitHub, create a web page, etc.

You will use

HTML5, CSS3, Bootstrap, GitHub, Git, JavaScript, Command line / Terminal

MODULE 2

Web Development 4 weeks

- Learn GIT best practices.
- Arrays, loops, JSON.
- Manipulate the DOM with JavaScript.
- Perform quality control (QA) and unit testing with Jest.
- Learn to think and design your code around objects (data with attributes) instead of functions and logic.
- Props and states. Work with React.js to make websites faster.
- Create your first application with React.js, MVC pattern, JS modules, bundling, Babel JS, the DOM.

You will use

HTML5, CSS3, Bootstrap, GitHub, Git, JavaScript, Command line / Terminal, React.js, JSON, DOM, SQL, Jest

MODULE 3

Serverless Development 4 weeks

- Introduction to Firebase.
- Data authentication systems with Firebase.
- Create your own database using Firebase collections.
- Storage and data manipulation with Firebase Collections.
- Consume API from 3rd party vendors.

You will use

GitHub, Git, SQL, React.js, Firebase, Databases, APIs

MODULE 4

WebApps Development 2 weeks

Apply everything you have learned in the previous weeks:

- Design, program, test, and publish your own complete web application.
- Start with the basics, understand how software is created today.
- Create user stories, familiarize yourself with UI/UX concepts and mockups.
- Use agile project management to create, iterate, and optimize your code and project.

You will use

Firebase, Authentication, APIs Database Collections, SQL MVC pattern

Scholarships and discounts

It's part of our mission to make coding education as accessible as possible. That's why we offer full and partial scholarships, and various financing options for all of our programs, including initiatives to promote inclusion and diversity.

**Get in touch and let us know what you need.
We're here to help!**

Scholarships



The Miami Tech Talent Coalition connects employers, educators, and community organizations in South Florida to create a strong tech talent pipeline. By training local talent and matching them with companies looking for skilled professionals, we're helping to build and sustain a thriving tech community in the region. Only 45 students will be accepted into the scholarship program. Don't wait!

Employment

The job market for developers continues to be strong and is expected to keep growing thanks to the important role digitalization is playing for businesses across all industries.

- In the US the employment rate for software developers and engineers is predicted to grow around 23% between 2021 and 2031.*
- The average salary, including all levels of experience, lies around 84,000 USD**
- 85% of developers reported their jobs allow for remote or hybrid work.***
- The percentage of developers that are freelancers or self-employed has been significantly increasing (up by 5 percentage points the last year).***
- U.S. News & World Report named software developer the number one job in 2023, thanks to the current and projected job market and high median salaries.
- Miami, where our headquarters are located, is currently the fastest growing tech hub in the US, as evidenced by the expanding job market and important influx of venture capital.



*Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Software Developers, Quality Assurance Analysts, and Testers, at

<https://www.bls.gov/ooh/computer-and-information-technology/software-developers.htm> (visited May 3, 2023).

** Glassdoor. "Full Stack Developer", https://www.glassdoor.com/Salaries/full-stack-developer-salary-SRCH_KO0,20.htm Accessed May 3, 2023.

***<https://survey.stackoverflow.co/2022/#overview>



Why Serverless?

Learning serverless computing makes you highly employable as it aligns with modern cloud-native development, emphasizing cost-effective, scalable solutions.

Employers value developers who can build and deploy microservices, APIs, and event-driven applications efficiently using platforms like AWS Lambda or Azure Functions. It's a sought-after skill in companies leveraging cloud infrastructure to optimize operations.





Why JavaScript?

Javascript is used to create highly dynamic pages with effects such as disappearing or animated texts and visuals, actions activated through clicking, and pop up windows.

According to a study by JetBrains with 7000 developers, 69% of interviewees claimed to have used it in the past year and it is now considered to be the most widely used programming language.



Why React?

React is a JS framework developed by Facebook that facilitates making interactive websites and helps to program with more agility because it allows dividing the application's interface into smaller, reusable components.

It is currently the most popular Javascript library in the world and is used by large technology companies such as Airbnb, Instagram, Twitter and Netflix.

ADVANTAGES OF BEING OUR STUDENT

GeekPAL

Never Code Alone Again!

- Get instant help from our internally developed AI mentor that -knows who you are and your current code.
- 12/hr day chat support with real experts.
- Live mentorship from TA during the class.

Support is available through:

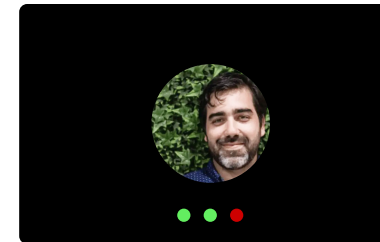
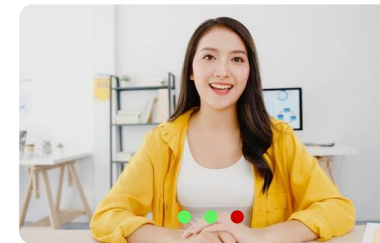


Our international community of more than 6000 geeks, ready to give you all the help you need.



You can find Rigobot everywhere
Next to your readings, projects, exercises, etc.

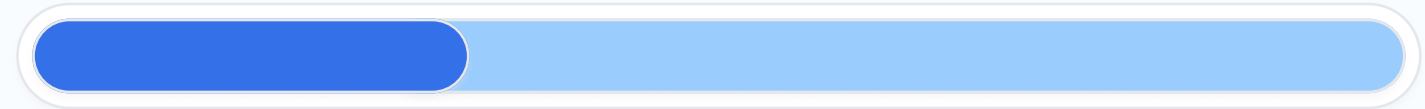
4Geeks Academy



Our students

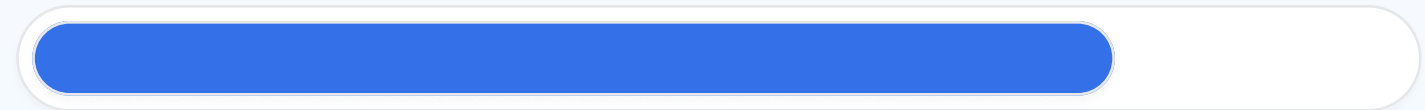
- In the last 12 months **200+** students enrolled in the USA.
- Approximately **70%** of those enrolled had no previous experience with programming. Thanks to our methodology, no previous knowledge is needed to become a competent programmer.
- **82%** of our students get a job within 3 months of finishing the course.

27% Women* **73% Men**



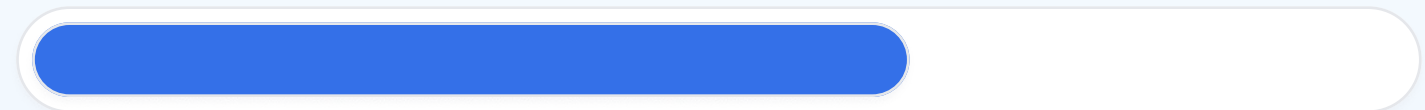
*It is one of our goals to help reduce the gender gap in the world of programming.

80% with unrelated job experience or degree

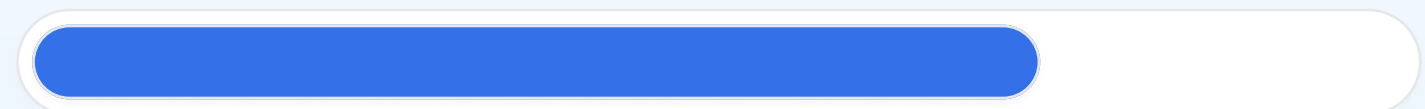


The average student age is **29 years**.

60% identify as POC and come from diverse backgrounds.



76% received some form of scholarship or financial aid



“

...I was really nervous about being a part of this program because this is something that I didn't plan at all to do.

I am really enjoying understanding the program and how important it is for the world today. It provides a huge advantage in automating business data, which allows businesses to make data-driven decisions that will provide them the most success within their market.”

Jonathan Obas

*IT Facilities Information
Systems Intern at the United
States Postal Service*



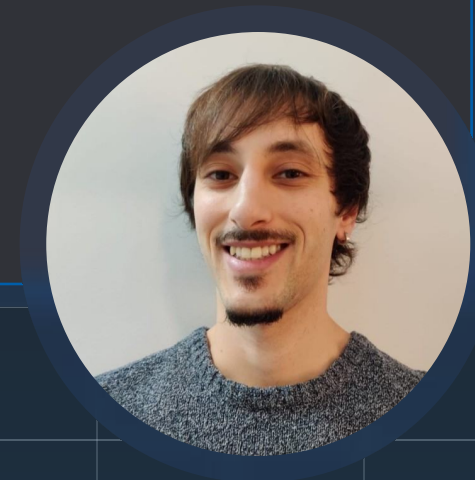
“

...My experience with the program has been exceptional and yet challenging all at once. The modules are rich with detail and designed to be fast paced. This has allowed me to continue to work full time while simultaneously acquiring skills for my field of choice through the course.

The instructors are highly knowledgeable and able to clearly explain complex concepts in plain English. With class sizes being small, the instructor made himself readily available to help students fully grasp even the most complex concepts.

Mario Martinez

*Data Center Operations
Manager at Jones Lane Lasalle*



**Do you dare to
change your
future?**