12 Weeks Program
Javascript Development Program
Outline

- GoMyCode Overview
- Program objectives
- Program overview
- Program structure
  - Learn
  - Practice
  - Connect
- Weekly course breakdown
- Tuition and financing options
- Campus & contact info
- partners
GoMyCode is a computer programming school. Our vision is to create a high end computer science education for everyone to fulfill their potential and realise their passion building and shipping real products. We teach youth: Coding & The principles of software development using the latest technologies, shipping real technology products from design to monetization and startup skills: collaboration, critical thinking, social creativity and communication.

GoMyCode was created in August 2016. In less than a year, GoMyCode helped over 400 students develop their technology product or find a job in technology. Full Time program will help youth land a job in Technology. It’s a 12-week intensive program targeted at university graduates and those wanting to change their career path. It will help youth learn what it takes to start a job as a software developer anywhere in the world and to succeed in a such career.
The student will learn the basics of software development, the latest technologies and the newest development methodologies. We are the first coding school to offer up-to-date coding education with the latest technologies and frameworks. Our program is inspired by what is being done at Google, Facebook, Amazon and Apple. What is more, you will have the opportunity to work in teams on challenging projects and to develop your communication and social creativity skills.

At the end of the program, every student has:

+ **A resume containing**
  
  *Hundreds of small programming problems solved*
  *A minimum of 30 daily mini products*
  *4-8 MVPs*
  *One graduation product shipped and working*

+ **A high-level knowledge of various non-technical subjects**

+ **A strong network of**
  
  *Developers, Recruiters, Freelancers...*
The program is divided into 3 axes

**Learn:** Programming knowledge and theoretical concepts

**Practice:** Practical side of the program (projects, exercises, mini-projects...)

**Connect:** All the activities that helps students develop their soft skills and network

The Practice axe is the most developed during the training compared with Learn and Connect axes. Our developers should be operational from day one.

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**Kick-start**

2 weeks

Connect | Practice | Learn

**Power Up**

8 weeks

Connect | Practice | Learn

**Launch**

2 weeks

Connect | Practice | Learn
A day in the life of a Student

09:00 MORNING
Learn & Practice several concepts a day

13:00 AFTERNOON
Project-Oriented tasks

18:00 AFTERNOON
Extra Events

Témoignages...

Né à Kinshasa, Congo, j’ai fait l’école privée jusqu’à mes 19 ans. J’ai eu mon bac congolais avec mention bien. Comme études supérieures, j’ai voulu faire Science Informatiques mais faute de matériaux, il fallait que je les poursuis à l’étranger, plus précisément en Tunisie. Trois ans après, j’ai changé de filière après avoir découvert ma vraie passion: l’Entrepreneuriat. Je n’ai pas du tout regretté mon choix puisque à peine 5 mois de cette transition, j’ai gagné un concours d’entrepreneuriat social au Sénégal. Ce qui m’a inspiré à monter ma propre start-up M-Agribiz. C’est ce qui m’a fait comprendre que ce n’était pas la peine de laisser l’informatique pour le business mais plutôt, c’était possible de combiner les deux. Voilà pourquoi je suis à Go My Code. J’aimerais bien partager avec vous ce verset de la Bible qui résument ma vision: Philippiens 4:13 "Je puis tout par celui qui me fortifie."

Etre jeune pour certains, c’est être irresponsable et paresseux, mais c’est tout à fait le contraire. En tant que jeune je peux vous affirmer qu’on est dynamique et plein de potentiel, c’est juste qu’on ne se trouve pas dans un environnement adéquat. Go My Code offre un environnement adequat pour l’épanouissement des jeunes. Avoir des instructeurs compétents et jeunes, donne à l’apprentissage un nouveau goût. A part l’expérience du codage, j’ai fait plusieurs amis, passionnés également par les sciences et la technologie mais aussi le théâtre et le social. En un mot, GoMyCode n’est pas juste une simple école mais une famille."
Learn.

Kick-start
HTML
CSS
JavaScript

2 weeks

Power up
Mastering JavaScript
- ES5 / ES6
- JS instantiation patterns
- Asynchronous patterns
- Promises

Client Side Concepts
- Responsive design
- MVC
- Ajax

Database concepts and Technologies
- SQL
- MongoDB
- ORMs

Server side concepts
- Npm
- NodeJS
- ExpressJS
- Authentication and authorization

8 weeks

Launch
Workflow
Automation
(webpack)
Optimization
Debugging
Deployment

Team Dynamics
Agile workflow
Iterative development
Advanced git technique

2 weeks

GOMYCODE
Kick-start: Solve dozens of programming problems on daily basis | 2 weeks
Power up: Mini projects Practice exercises | 8 weeks
Launch: Finalize the Product | 2 weeks
Connect.

**Kick-start**
- Ice breaker
- Meet community
- Meet partners
- Ideation

**Power up**
- Tech & Entrepreneurship talks
  - UX/UI
  - OSS
  - Freelance
  - Coding best practices
  - Tech trends
  - Remote teams
  - Business
  - Hacker mentality

**Launch**
- Interviewing
- Shipping
- Build automation
- Demo day

2 weeks
8 weeks
2 weeks
Weekly Breakdown.
Month 1 Web foundation

Week 1
- Get familiar with a text editor
- Get familiar with command line
- Build a static webpage with HTML
- Add styling with CSS
- **Project: Build your portfolio**

Week 2
- Get familiar with command line
- Use Bootstrap to layout webpages
- Manipulate the DOM with jQuery and vanilla JavaScript
- Reach more devices with responsive design
- **Project: Build an interactive chat app**

Week 3
- Manage project history with git
- Basic and advanced data structures in JavaScript
- JavaScript instantiation patterns
- **Project: Random quote machine**

Week 4
- Modularize your code with ES2015 modules
- Get comfortable with the basic of functional JavaScript
- Learn how to implement AJAX calls
- **Projects: Wikipedia app / Weather app**
Month 2 Frontend foundation

**Week 5**
- Introduction to reactJS
- Get familiar with the concept of a Component
- Write a single-component react app
- Write multi-component react app
- **Projects: Todo list in react (part 1) / Movie app in react (part 1)**

**Week 6**
- User pure functional component
- Use immutable data structures (immutable js)
- Manage application states with Redux part 1
- **Projects: Todo list in react (part 2) / Movie app in react (part 2)**

**Week 7**
- Manage application states with Redux part 2
- Add routing to your app with react-router
- Implement AJAX calls using axios
- Test your application using Jest and Enzyme
- **Project: news app using the Guardian API**

**Week 8**
- Solo learning week no new material student work on their own apps.
Month 3 Backend foundation

Week 9
- Introduction to NodeJS
- Introduction to Promises
- Introduction to Express framework
- Project: Build a restful API

Week 10
- Introduction to MongoDB
- Implement CRUD operations
- Schema design
- Mongoose ODM
- Projects: Build an application backed by MongoDB

Week 11
- Authentication vs Authorization
- Creating a Google sign-in
- Creating a local permission system
- Adding Facebook and other providers
- Project: graduation project part 1

Week 12
- Accessing Published API
- Creating your API endpoints
- Securing your API
- Writing developer friendly API
- Project: graduation project part 2
The cost of the program is 2000 TND (for the 3 months of the program - Monday-friday 9h-18h)
The candidate pays 1000 TND to reserve his spot then pays the rest during the first month of the program.

Our micro-finance ENDA Tamweel can give a credit for students aiming to join the program. Please send us an email if you are interested.
Perks include

- 24/7 access to the hackerspace
- Free snacks and swag
- Access to part time programs
- Access to Mentors and frequent networking events.

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Thank you.