



INCODE: Become a pro developer

Develop your coding skills and understanding of client needs.

Length: **3 months**

Commitment: **Full-time**

Tech skills

- Web & Mobile apps:
HTML5, CSS3, Js,
Node.Js, AJAX, API,
jQuery, React.js, Express,
Git and GitHub
- Database management
- Front-end and back-end development
- Testing
- Technical support and maintenance

Soft skills

- Public Speaking
- Character Strengths
- Decision making
- Building your network

Projects

#1 - Immerse yourself in Code

- Learn the basics of programming
- Get familiar with JavaScript syntax
- Use code to solve small problems

#2 - Create your first showcase website

- Create and animate web pages with HTML5 & CSS3
- Make your interface responsive
- Respect standards and best practices

#3 - Add interaction to your website with Javascript

- Add forms to a website
- Manage forms with JavaScript

Projects

#4 - **Create your first web application**

- Use the Express framework to create a back-end
- Create and request a database
- Use Git to version your work

#5 - **Create an app that communicates with an API**

- Make HTTP request with AJAX
- Use the jQuery library
- Consume an API

#6 - **Develop a React application**

- Develop your front-end with the React framework
- Write an API with Express
- Discover NoSQL databases

Projects

#7 - **Cover your code with tests**

- Implement unit tests
- Implement integration tests

#8 - **Develop a mobile app with React Native**

- Use the React Native framework
- Implement mock-ups
- Use Heroku to deploy an application

#9 - **Adjust a project according to client feedback**

- Take ownership of an existing codebase
- Fix bugs and add functionalities to an existing codebase
- Produce technical documentation

Projects

#10 - **Capstone project**

- Conduct a needs analysis
- Develop your solution in a team
- Lead a demo of the project