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### Meet our alumni.

They became software developers, product designers, tech founders and more!



**Karen Hoyos**  
Software Engineer - Amazon  
Karen was working as Customer Service Associate before she decided to take a leap and start her own business. After the bootcamp, she found a job as a Senior Developer at Amazon.



**Ellen Zhuang**  
Product Manager - Microsoft  
Ellen started programming to be a better Product Manager and ended up being a Senior Product Manager at Microsoft. She now works on the AI/ML team at Microsoft.



**Louis Sommer**  
Principal Web Developer  
A successful business developer and entrepreneur, Louis joined Le Wagon to learn how to code. Through his skills, he was able to start a successful business.



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### Detailed Curriculum.

Our bootcamp is structured in 4 main phases. Our students also have to complete some preparation work to make sure they are ready for the bootcamp.

<b>Phase 0 - Prepwork</b> Get up to speed for the bootcamp	100% of your course
<b>Phase 1 - Foundations</b> Learn the core concepts of programming, software architecture and relational databases	100% of your course
<b>Phase 2 - Web Development</b> Learn to build a web application and create your own applications with Ruby on Rails	100% of your course
<b>Phase 3 - Final Projects</b> Design, build, deploy and pitch personal projects to mentors	100% of your course



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### Phase 0 - Prepwork.

Get ready to start the bootcamp.

The Web Development course is very intense. To make sure you are ready to start the bootcamp, we require you to complete the preparation work to make sure you are ready for the bootcamp.

- Ruby 101: how the web works
- Git and GitHub
- HTML, CSS, JavaScript
- JavaScript fundamentals

Preparation work for students to understand basic software development. Through a series of interactive exercises, it builds the learning process for when we cover these concepts in class during the program.

Meet our web development students too!



**Yusef Egi**  
Senior Frontend Developer  
Learning web development and programming was a challenge for Yusef, but he was determined to learn. After the bootcamp, he found a job as a Senior Frontend Developer at a startup.



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### Phase 1 - Foundations.

100% of your course

Learn the core concepts of programming, software architecture and relational databases.

#### Developer setup

Install a professional developer's environment and be ready to start for the bootcamp.

- SKILLS LEARNED**
- Command line basics
  - Navigating a file system (create, update, delete files/folders)
  - Install Ruby and a Version Management tool
  - Must-have developer's packages
  - Version control with git / Commit and push on Github

#### Programming basics

Learn algorithms manipulating variables, loops, conditions and data structures like Array and Hash. Parse and store data from standardized files (JSON, CSV, XML, HTML).

- SKILLS LEARNED**
- Core concepts of programming
  - Ruby doc for built-in classes
  - Algorithms & data structures (Array, Hash)
  - Text pattern detection with Regular Expressions
  - Parse and store data from standardized files (JSON, CSV, XML)
  - Web scraping with Nokogiri
  - Request and parse data from RESTful JSON APIs



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# Phase 1 - Foundations.

140 hours of work

Learn the core concepts of programming, software architecture and relational databases.

## Developer setup

Install a professional developer's environment and be ready to nail it for the bootcamp.

### SKILLS LEARNED

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- Navigating a file system (create, update, delete files/folders)
- Install Ruby and a Version Management tool
- Must-have developer's packages
- Version control with git / Commit and push on Github

## Programming basics

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