

Some more ways to code

Wayland Coding for Adults
30 November 2017

What do you want to code?



Web site design



Web applications

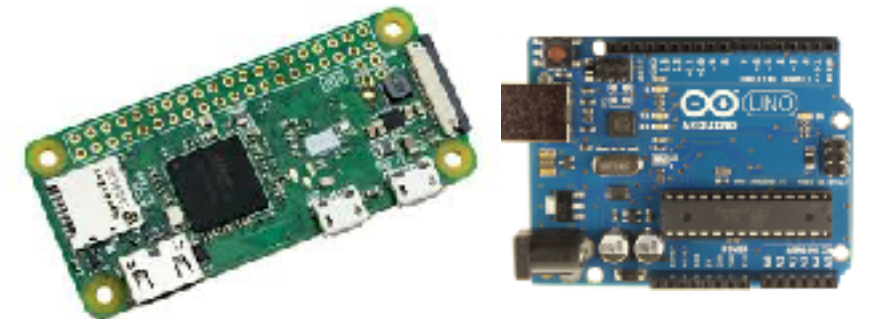


**Data analysis
And
Data Science**



Mobile apps

...and more!



**Explore computing with
tiny computers and
microcontrollers**

Web site design



HTML

CSS

JavaScript

Many tools available to help with the work

Web applications



**Often have a
web server,
application
code, and a
database**

Java

Javascript

Python

PHP

SQL (Structured Query Language, for databases)

Mobile apps



iOS

Swift

Objective-C

HTML/CSS/Javascript

Need a Mac for development



Android

Java

HTML/CSS/JavaScript

Data science



Data
Science

Python

R

Raspberry Pi and Arduino



Arduino Microcontroller

C/C++



Raspberry Pi
Single-board computer

C/C++

Python

Other languages

The Stuff around the Code

- Operating systems (MacOS, Windows, Linux, iOS, Android, ...) and filesystems
- Development tools
 - IDEs (“Integrated development environments”)
 - Editors
 - Tools for testing, debugging, etc.
- Cloud systems
- Databases
- And more!

Questions?

Codecademy time