**Technologies covered in each Coding Dojo stack**

(list updated on May 21st 2018)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | WF | PHP | Rails | MEAN | Python | iOS | C# | Java |
| Launched | 2011 | 2011 | 2013 | 2014 | 2015 | 2015 | 2017 | 2018 |
| Duration | 2 week | 3 weeks | 3 weeks | 3 weeks | 3 weeks | 3 weeks | 3 weeks | 3 weeks |
| List of technologies we cover | HTML  HTML5  CSS  CSS3  Git  jQuery  jQueryUI  Responsive Web Design  Bootstrap  Foundation  Jasmine  LESS | PHP  OOP  TDD  MySQL  Ajax and APIs  Amazon EC2 | Ruby  Rails  ActiveRecord  Sqlite  Postgresql  Vagrant  TDD  RSpec  Capybara  Creating Ruby Gems  Phusion Passenger | es5  es6  typescript  Node  Express  npm  [socket.io](http://socket.io/)  Angular  AJAX  MongoDB  NoSQL  Mongoose  Bcrypt  Redis  Postman | Python3  UnitTest/TDD  Flask  OpenCV  Django  MySQL  SQLlite  Bcrypt  Ajax and APIs  Amazon EC2  Gunicorn  Wsgi | Swift  Xcode  UIKit  Auto Layout  Core Data  Core Motion  Core Location  MapKit  AV Foundation | C# Language Fundamentals  .NET Core runtime/standard library  [ASP.NET](http://asp.net/) Core MVC  Dapper  Entity Framework  MySQL  Postgresql  Ajax | Java  Spring Tool Suite  MySQL  Spring Boot  Spring Data-JPA  Spring Security  Spring MVC  JSP  Hibernate  Servlets  Tomcat  Apache  MVC  Dependency Injection |
| Algorithms | If/else, for loops, functions, variables/arrays, recursions | Sorting (bubble, selection, insertion, radix), SLL, DLL | DLL, Trie, Graphs, Advanced Sorting | Heaps, Binary Search Tree, Advanced Sorting | Sorting (bubble, selection, insertion), SLL, DLL, Stacks, Queues | DLL, Trie, Graphs, Advanced Sorting | DLL, Trie, Graphs, Advanced Sorting | DLL, Trie, Graphs, Advanced Sorting |
| Technologies we will be adding in the next few months | D3JS  HighChart |  | Rails 5  Redis  SASS  Elasticsearch  Sidekiq | TDD  Jasmine  Firebase  docker  d3js  sass  less | NumPy | NSUserDefaults  CocoaPods  Socket.io  ARKit  Core ML  XCTest  TestFlight | Unit Testing  Identity Framework  Advanced SQL  async  MS SQL Server  Docker  Memcache | TDD - JUnit  Oracle DB  Multi threading |