

Things to read:

- **Tutorialspoint – you can find everything here (FREE)**

Tutorials Point originated from the idea that there exists a class of readers who respond better to online content and prefer to learn new skills at their own pace from the comforts of their drawing rooms.

The journey commenced with a single tutorial on HTML in 2006 and elated by the response it generated, we worked our way to adding fresh tutorials to our repository which now proudly flaunts a wealth of tutorials and allied articles on topics ranging from programming languages to web designing to academics and much more.

- **Open Source courses – from different universities (FREE)**

This is a curated list of free courses from reputable universities like MIT, Stanford, and Princeton that satisfy the same requirements as an undergraduate Computer Science degree, minus general education.

- **Utest – for exploring tools (FREE)**

I have linked a website where you can explore most of the testing tools used in the testing industry.

- **Ultimate QA – Complete list to Practice Automation testing (FREE)**

A lot of content about every topic some are free some are paid courses.

This source is a free place to practice some scenarios like:

- Testing a large, complicated page
- Working with simple HTML elements like buttons
- Filling out forms
- Automating an application that evolves over time

- **ToolsQA – Every tool you can use for testing (FREE)**

I recently started working on this website from Jan'14 with an intention to make Selenium learning easy and simple. Few years back when I started learning Selenium I used to hop around thousands of Selenium blogs and forums to learn stuff. Since then I always wanted to create a site which will be one stop learning experience for Selenium.

- **Resume Examples (FREE)**

If you have trouble writing your resume, this can be helpful getting some ideas from other people.

- **W3schools (FREE)**

If you are going to be doing any kind of test automation, you need to learn some basics about HTML and other web technologies. This has excellent resources to help you get started:

- HTML
- Xpath

- **Pluralsight (Paid and Free)**

This is a topnotch site with some of the best professionals teaching great topics. These professionals include John Sonmez, Aaron Frost, and Scott Allen. You can learn different programming languages like Java, C#, and Python by watching video tutorials. You can also learn automation tools like Selenium WebDriver, Coded UI, NUnit, Visual Studio Test, and much more. All of the video tutorials come with code and notes that you can use in order to enhance your retention rate. Some of my favorite courses include:

- Automated Business Readable Web Tests with Selenium and SpecFlow
- Automated Web Testing with Selenium
- Quick Guide to API Testing with HP's Unified Functional Testing
- Creating an Automated Testing Framework With Selenium

- **Coursera (Paid and Free)**

Their motto is “Take free online courses from top universities.”

Therefore, you can take real college courses online. Most are completely free. The only catch is you actually have to participate in the course because they have hard start dates, homework, and quizzes. Some courses that you can partake in include:

- Software Security
- Testing with Agile
- Mastering the Software Engineering Interview
- Reviews & Metrics for Software Improvements

- **Udacity (Paid and Free)**

This is a great site with very high-quality videos. The videos are recorded, so you can take interactive quizzes based on the content that is drawn on the page during the video. The instructor may ask you to identify the correct solution to a problem, write four answer choices, and then you can interact with the User Interface to select the correct choice. Two of my favorite free courses are Software Testing and How To Use Git and Github.

- **Udemy (Paid and Free)**

Udemy.com is an online learning platform. It is aimed at professional adults. Unlike academic massive open online course programs which are driven by traditional collegiate coursework, Udemy uses content from online content creators to sell for profit.

- **Codecademy (Trial 7 Days)**

Codecademy is an online interactive platform that offers free coding classes in 12 different programming languages including Python, Java, JavaScript (jQuery, AngularJS, React.js), Ruby, SQL, C++, and Sass, as well as markup languages HTML and CSS

- **Team Tree House (Trial 7 Days)**

Treehouse or (**Teamtreehouse**) is an online technology school that offers beginner to advanced courses in web design, web development, mobile development and game development taught by a team of expert teachers.

The Treehouse learning program includes videos combined with interactive quizzes and code challenges. Treehouse Tracks are guided curricula, composed of courses that train students in large topic areas. Treehouse Organizations is designed to assist businesses, organizations, schools and community programs in technology training. Companies including Simple and LivingSocial currently use Treehouse to recruit new employees based on their progress and achievements on Treehouse.^[4]

- **FreeCodeCamp (FREE)**

freeCodeCamp (also referred to as “**Free Code Camp**”) is a non-profit organization that consists of an interactive learning web platform, an online community forum, chat rooms, Medium publications and local organizations that intend to make learning web development accessible to anyone.

Beginning with tutorials that introduce students to HTML, CSS and JavaScript, students progress to project assignments that they must complete either alone or in pairs. Upon completion of all project tasks, students are partnered with other nonprofits to build web applications, giving the students practical development experience.

- **Article about transition from manual to automation (FREE)**

An article about how to transition from manual test engineer to test automation

- **Guru99 – Everything you need - (FREE)**

Here you learn by practice. We make tons of efforts to take boredom out of learning and make education a fun experience.

Inside, you will find tons of video tutorials

- **Appium (FREE)**

- **Lynda (paid Trial 1 month)**

LinkedIn Learning is an American massive open online course website offering video courses taught by industry experts in software, creative, and business skills. It is a subsidiary of LinkedIn. It was founded in 1995 by Lynda Weinman as lynda.com before being acquired by LinkedIn in

- **Edx (Paid and free)**

edX is a massive open online course (MOOC) provider. It hosts online university-level courses in a wide range of disciplines to a worldwide student body, including some courses at no charge. It also conducts research into learning based on how people use its platform. EdX is a nonprofit organization and runs on the free Open edX open-source software platform.

The Massachusetts Institute of Technology and Harvard University created edX in May 2012. More than 70 schools, nonprofit organizations, and corporations offer or plan to offer courses on the edX website.

- **ArtofTesting (FREE)**

Selenium is one of the most widely used open source Web UI automation testing tools. It supports automation of websites across different browsers, platforms and programming languages. Our Selenium Tutorial is designed for beginners with basic knowledge of programming language - Java. We will start with the basics of Selenium and then as the tutorial progresses we will move to the more advanced stuff.

- **SoftwaretestingClass (FREE)**

Selenium is the portable open-source software testing framework for web application automation. It provides the record (using Selenium IDE) and playback tool for your automated test cases. It is recommended to refer the Free Selenium Tutorials sequentially.

- **Codebat (FREE)**

Training exercises for Java

- **Microsoft Virtual Academy (FREE)**

This is an excellent website from Microsoft. Here you can learn a lot about all of the different Microsoft technologies from excellent and knowledgeable instructors. Some of my favorite courses to improve your automation skills include:

- Rapidly diagnose and solve application problems in Visual Studio
- C# Fundamentals
- Software Development Fundamentals

- **Youtube (FREE)**

- **Software testing help (FREE)**

Some good tutorials about some different testing areas.

- **Java Beginners Tutorial (FREE)**

- **Selenium HQ (FREE)**

You cannot have a resource guide to test automation without including the headquarters of knowledge for Selenium WebDriver. This is a fantastic wiki for a great deal of information related to Selenium. Some of the topics that you can read about from the contributors themselves include:

- Advanced User Interactions
- Building WebDriver
- Developer Tips
- PageFactory

- **PVTuts - For learning programming languages (FREE)**

PVTuts is a free online repository of video courses for learning programming languages. It hasn't been updated since 2013, but the video library is still a great resource for newbies. Just know that these courses are strictly about language syntax and nothing else.

- **KhanAcademy - (FREE)**

Khan Academy is one of the internet's greatest treasures. This non-profit education platform has been a wonderful source of free education for the past decade, and it's only getting better. Want to learn Calculus? Biology? World History? How to do your taxes or invest your money? It's all here.

- **OpenCourser (FREE)**

OpenCourser isn't an education platform like the other sites listed above. Rather, it's a search engine that aggregates thousands of free online courses from around the web and brings them to your fingertips.

- **ClassCentral (FREE)**

Class Central is a search engine and reviews site for free online courses popularly known as MOOCs or Massive Open Online Courses.

- **Alison (FREE)**

Alison is one of the world's largest free learning platforms for education and skills training. It is a for-profit social enterprise dedicated to making it possible for anyone, to study anything, anywhere, at any time, for free online, at any subject level. Through our mission we are a catalyst for positive social change, creating opportunity, prosperity, and equality for everyone.

- **Mozilla Developer Network (FREE)**

The aim of this area of MDN is not to take you from "beginner" to "expert" but to take you from "beginner" to "comfortable". From there you should be able to start making your own way, learning from the rest of MDN and other intermediate to advanced resources that assume a lot of previous knowledge.

If you are a complete beginner, web development can be challenging — we will hold your hand and provide enough detail for you to feel comfortable and learn the topics properly. You should feel at home whether you are a student learning web development (on your own or as part of a class), a teacher looking for class materials, a hobbyist, or someone who just wants to understand more about how web technologies work.

- **Oracle - Java Tutorial (FREE)**

The Java Tutorials are practical guides for programmers who want to use the Java programming language to create applications. They include hundreds of complete, working examples, and dozens of lessons. Groups of related lessons are organized into "trails".

- **Google Analytics Academy (FREE)**

Analytics Academy helps you learn about Google's measurement tools so that you can grow your business through intelligent data collection and analysis.

- **W3SchoolsIn - (FREE)**

A lot of content about different topics.

- **JavaTPoint - (FREE)**

JavaTpoint offers **Online Training** and **Winter Training** on Java, Blockchain, Machine Learning, Meanstack, Artificial Intelligence, Kotlin, Cloud Computing, Angular, React, IOT, DevOps, RPA, Virtual Realty, Embedded Systems, Robotics, PHP, .Net, Big Data and Hadoop, Spark, Data Analytics, R Programming, SAP, Android, Python, Oracle, Web Designing, Spring, Hibernate, Software Testing, Selenium, Linux, C++ and many more technologies.

- **Test Automation University (FREE)**

Embark On Your Path To Become A QA **Automation** Superstar. Enroll Today. All Courses Are Free! Learn on visual **testing**. Real-world use cases. Learn about accessibility. Enroll now.

Services: **Test Automation**, Frontend Development, CI / CD & DevOps, Digital Experience, Cross-Browser **Testing**.