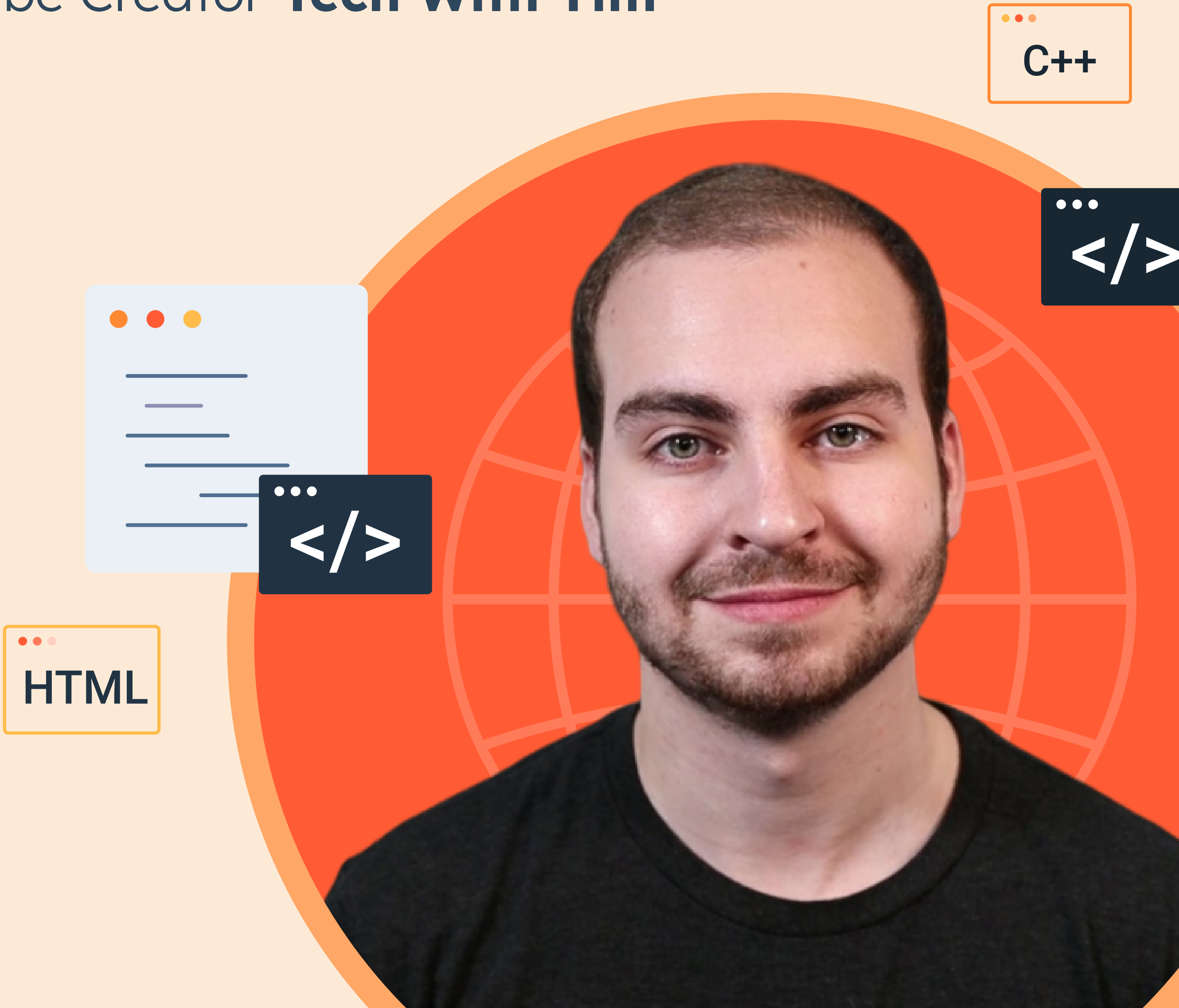
THE ULTIMATE CHECKLIST

Landing A Developer Role in the World of AI

Featuring Software Developer and YouTube Creator **Tech With Tim**



Nowadays, even non-technical people can complete a wide range of tasks with assistance from tools like ChatGPT and other AI models. This means that in order to be valuable as a developer, you need to be capable of more than what a standard language learning model (LLM) can achieve.

This skill gap will continue to broaden as LLMs become more powerful, and developers will need to adapt in order to utilize these tools as effectively as possible.

Take a look at the skills and resources below to begin setting yourself apart for your next developer role.

Communications Skills

> The reason AI won't take over programming is because problems and products are inherently human. They change quickly, they adapt, they're driven by emotion and management and designers and factors that are based upon human interaction. In order to be an effective programmer today, you need to be an effective communicator.

Here are essential skills to learn and practice:

- □ How to **debate ideas**
- □ How to **communicate clearly and effectively** (without ambiguity)
- □ How to **work with others** and share ideas without sacrificing likability
- □ How to present yourself with **confidence**

Programming Languages

> Some people learn more visually, some people prefer books or exercises, and others want videos. My advice is to experiment with a variety of resources in different mediums when just starting out to find what works best for you, and then to stick to that.

Languages to learn for complete beginners

to help you break into the industry more quickly

- □ JavaScript
- □ Python
- □ Go
- □ Ruby

More difficult languages

to help you stand out and qualify for less popular, less competitive roles

- □ C++
- □ Java

Trendy languages

to help you stay up-to-date on languages gaining popularity, which may be required of more roles in the future

- □ Rust

Programming Language Learning Process

> “The best way to learn is to try to build something you’ve never attempted before, struggle through problem after problem, and have to search out the solution. AI can be a great tool for this as it can very quickly guide you in the right direction, and you can use it to bounce ideas off of and get very fast answers to simple questions. Treat it like a coding partner that is there to assist you, but not something to entirely rely upon.”

- □ Learn the basic syntax and structure of the language
- □ Dive into advanced concepts and learn what makes the language different from others
- □ Apply your knowledge through projects and exercises

YouTube and Other Resources

> “I like to start by watching a YouTube tutorial or series to get a base level understanding of a language and then augment my learning by finding free practice/resources.”

YouTube channels to check out:

- □ **Sentdex** — Python Programming tutorials
- □ **Corey Schafer** — Tutorials and walkthroughs for software developers, programmers, and engineers
- □ **Internet Made Coder** — Videos about learning to code
- □ **Mayuko** — Mayuko Inoue aims to help people find their way through the tech industry by sharing her own experiences navigating this world through technology, career advice, and lifestyle videos
- □ **Web Dev Simplified** — Teaching web development skills and techniques in an efficient and practical manner
- □ **Programming with Mosh** — Clear, concise, practical coding tutorials
- □ **Tech With Tim** — Free resources to kickstart your coding journey, with a strong focus on Python and JavaScript
- □ **Brian Cache** — Tech, career, and development content from a a self-taught software developer with a non-tech background
- □ **Jason Goodison** — Content about coding and startups
- □ **Tiff In Tech** — A real and candid approach to tech, fashion, business and many other areas

- □ **Fireship** — High-intensity code tutorials and tech news
- □ **The Coding Train** — Creative coding video tutorials

Resources for exercises and full programs

- □ **Geeks for Geeks** — A computer science portal for geeks
- □ **freeCodeCamp** — Global nonprofit community for learning to code
- □ **Course Careers** — Everything you need to know about software development

Portfolio Building

> “Focus more on the quality of a few projects rather than building a ton of different ones.”

- □ Develop 2-3 solid projects that you’re proud of
- □ Use tools like genAI to help you generate ideas, provide different options or opinions, or even generate boilerplate code or test cases
- □ Make your projects easy to view — whether that’s hosted on a website, runnable via a downloadable file, or on a portfolio site that you built

Resume Building and Interview Prep

> “
>
> Remember that you have UNLIMITED time to perfect your resume, so make sure it is perfect!”

- □ Fix any mistakes or inconsistencies in your resume
- □ Memorize the content of your resume so that you know the points and details when asked about them
- □ Do mock interviews with real people — practice questions with your parents, siblings, friends, or anyone willing to help out
- □ Be professional, clear, and concise in your interview — speak with confidence about all that you’ve learned

Good luck out there!

HubSpot

Learning to code is easier than ever. We’ve got even more insights in our free guide for beginner programmers.

Access the Guide

TWT Tech With Tim

If you want to learn directly from me, you can enroll in my software development program with course careers.

Get Started