

Software

# Career Changers: enabling the huge untapped potential in developers from different backgrounds

---

Marcus Gardiner

June 2022





Report

# The Tech Talent War Is Global, Cross-Industry, and a Matter of Survival

Companies are winning by finding creative ways to widen their funnel

# The Mix That Matters

## Diversity To Innovation

### **Matters**

Gender

Career Path

Industry Background

Country of Origin

### **Does Not Matter**

Academic Background

Age



©1967 ELECTRONIC COMPUTER PROGRAMMING INSTITUTE, INC.

# Most of the people we've trained as computer programmers never thought they had the brains for the job.

Their impression of computers was the generally accepted one: That you need a Ph.D. to run them. Actually all you need is a high school education and some professional training.

It's not easy, mind you. And it's not cheap. But when you've earned your ECPI diploma you'll be in a position to command a highly respectable salary with even a higher potential. And you'll be in a field where the job comes looking for you.

(This year, some 25,000 programmer jobs will remain unfilled for lack of trained personnel.)

That puts the supply and demand theory strictly in your favor. Right now, if you are between 17 and 40, the smartest thing you can do is to send for our free computer programmer sample aptitude test.

Maybe you've never thought you had the brains for the job. The test may prove otherwise.

**ecpi** ELECTRONIC COMPUTER PROGRAMMING INSTITUTE  
174 W. Wisconsin Av., Milwaukee, Wis. Phone 276-7460

Approved for GI Bill and  
by Wisconsin's Higher Education Aids Board

NAME \_\_\_\_\_ AGE \_\_\_\_\_ ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE \_\_\_\_\_

MS 10/3/68

Milwaukee Star, 1968  
Source: Kate M. Miltner  
(University Of Edinburgh)



Northcoders

{the jump}



<CODE>YOUR  
FUTURE



code  
institute



**Sebastián Ramírez**

@tiangolo



I saw a job post the other day. 

It required 4+ years of experience in FastAPI. 

I couldn't apply as I only have 1.5+ years of experience since I created that thing. 

Maybe it's time to re-evaluate that "years of experience = skill level". 

2:40 PM · Jul 11, 2020 · Twitter Web App





# Softwire



**Marcus Gardiner**

**Softwire**

Technical Lead

**@marcusgardiner**

[linkedin.com/in/marcusgardiner/](https://www.linkedin.com/in/marcusgardiner/)