



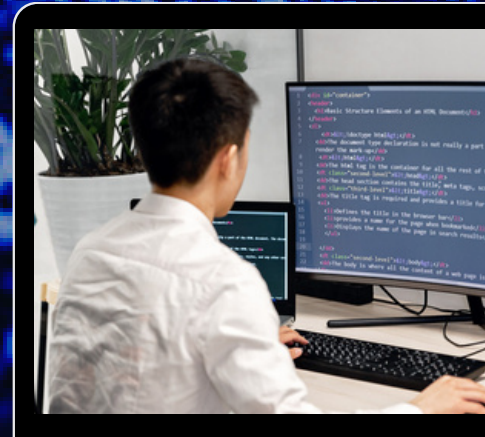
TECHIE'S

@VINECY



PROGRAMMERS

ONE OF THE MOST WELL-KNOWN JOBS IN THE WORLD IS FRAUGHT WITH DIFFICULTIES. THIS PRESENTATION WILL GIVE US A SUMMARY THAT WILL ALSO GIVE US AN EASIER AND MORE ORGANIZED WAY TO UNDERSTAND OUR THOUGHTS ON HOW PROGRAMMERS WORK WITH OTHER TEAMS AND PEOPLE ON THE GIVEN PROJECTS AND HOW THEY PUBLISH DIFFERENT WEBSITES THAT WE USE IN TODAY'S GENERATION.



ENVIRONMENT AND MARKET OF PROGRAMMERS



JOB OVERVIEW

COMPUTER PROGRAMMERS GENERALLY WORK ON A WIDE RANGE OF PROJECTS AT ONE TIME. GENERALLY, THEY NEED TO BE GOOD AT MULTI-TASKING AND LATERAL THINKING. THEY PERFORM THIS IN TANDEM WITH SYSTEMS ANALYSTS (THE ONE WHO ARE CHECKING THE BUILT PROGRAMS OF THE COMPUTER PROGRAMMERS) OR COMPUTER SOFTWARE ENGINEERS (THE ONE WHO ARE TESTING THE PROGRAMS BEFORE THEY PUBLISHED THE WEBSITE).



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DUTIES & RESPONSIBILITIES OF A PROGRAMMER

PROGRAMMERS TEST NEWLY CREATED APPLICATIONS AND PROGRAMS TO ENSURE THAT IT IS WORKING WELL. WRITE PROGRAMS IN A VARIETY OF COMPUTER LANGUAGES, SUCH AS C++ AND JAVA, HELP DEVELOP A NEW WEB-BASED INFORMATION SYSTEM, CREATE AND PUBLISH TECHNICAL DIAGRAMS TO SUPPORT CODING EFFORTS, AND INTEGRATE NEW FUNCTIONALITY INTO EXISTING APPLICATIONS.



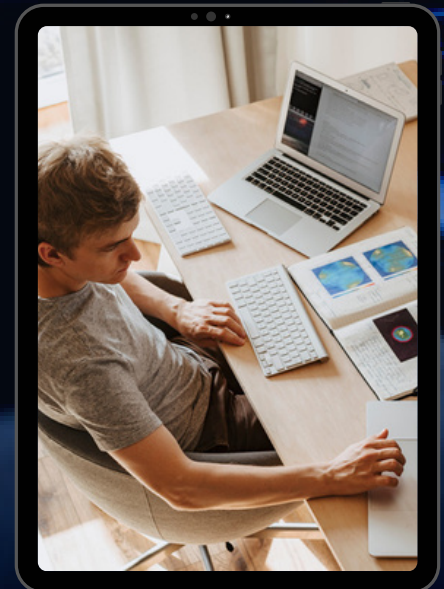
WORKING ENVIRONMENT

COMPUTER PROGRAMMERS HOLD ABOUT 329,000 JOBS. THEY SPEND MOST OF THEIR TIME IN OFFICES WITH COMPUTER TERMINALS. NORMALLY WORK ALONE, BUT SOMETIMES THEY WORK WITH OTHER COMPUTER SPECIALISTS ON LARGE PROJECTS. THEY EXPERIENCE BACK PAIN, EYESTRAIN, AND CARPAL TUNNEL SYNDROME SINCE COMPUTER PROGRAMMERS ARE ALL DAY IN FRONT OF THEIR COMPUTERS.



THE DEVELOPMENT ENVIRONMENT

A QUIET ENVIRONMENT IS THE DEVELOPMENT ENVIRONMENT FOR A COMPUTER PROGRAMMER. IT IS A BIG MONEY ENVIRONMENT. WORKS CAN BE FORM OF PROJECTS, RESEARCH AND DEVELOPMENT, AND OTHER ADVANCED AREAS OF PROGRAMMING.



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HOURS

TYPICALLY WORKS 37-40 HOURS A WEEK, BETWEEN 9 AM TO 5:30 PM, MONDAY TO FRIDAY, MAY VARY IF THERE IS A LARGE PROJECT WITH A TIGHT DEADLINE TO FOLLOW.



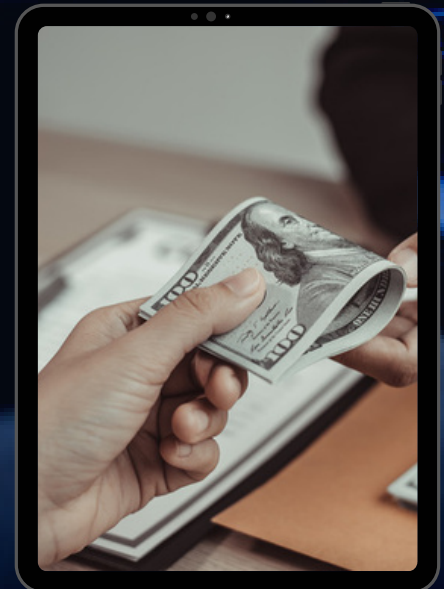
TOOLS & TECHNOLOGY FOR PROGRAMMER

THE ORIGINAL TECHIES ARE THE COMPUTER PROGRAMMERS. THEY WORK WITH SERVERS AND MAINFRAME OPERATING SYSTEMS. SOURCE CODE EDITING SOFTWARE, COMPILER SOFTWARE, DATABASE MANAGEMENT SYSTEMS SOFTWARE, DEVELOPMENT ENVIRONMENT SOFTWARE ARE THE HOST SOFTWARE USED BY A PROGRAMMER.



SALARIES

COMPUTER PROGRAMMERS ARE THE HIGHEST PAYING JOB RANGING FROM ₱25,000.00 – ₱50,000.00.



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JOB OUTLOOK

FOR ABOUT 24% FROM 2012-2022 IS THE EMPLOYMENT OF COMPUTER PROGRAMMERS AS FAST AS THE AVERAGE FOR ALL OCCUPATIONS. COMPUTER PROGRAMMING CAN BE FOUND AND DONE AROUND THE WORLD. COMPUTER SYSTEM DESIGN AND RELATED SERVICES IS THE IN DEMAND FOR NEW COMPUTER SOFTWARE.



**“BEFORE SOFTWARE
CAN BE REUSABLE IT
FIRST HAS TO BE
USABLE.”**

- *ralph johnson*

