

CREDENTIAL & CAREER PATHWAYS

DIGITAL MEDIA/IT

Computer Programmer

JOB DESCRIPTION

Computer programmers write and test code that allow computer applications and software programs to function properly. Program design entails planning the software initially, creating models and flowcharts detailing how the code is to be written, writing and debugging code, and designing an application or systems interface.

Key duties for Computer programmers include: writing programs in a variety of computer languages, such as C++ and Java, updating and expanding existing programs, testing programs for errors and fix the faulty lines of computer code, creating and testing code in an integrated development environment (IDE).



WHAT SKILLS & TRAINING ARE NEEDED?

SOFT SKILLS:

- Must be able to identify simple and complex computer problems, analyze them, and solve them (Problem-solving).
- Must be able to understand the problems that your customer asks and know when to ask questions (Listening).
- Must be able to work well with others as a part of a team (Teamwork and Collaboration).

TECHNICAL AND ACADEMIC SKILLS:

- High school diploma or equivalent
- Familiarity with computers and/or computer software
- Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications

HOW DO I KNOW IF THIS IS A GOOD FIT FOR ME?

- You are interested in computers and how they work.
- You like solving problems and puzzles.

WHERE CAN I FIND TRAINING?

OPERATION
SPARK

UNIVERSITY OF
NEW ORLEANS

SOUTHEASTERN LOUISIANA
UNIVERSITY

DELGADO COMMUNITY
COLLEGE

DILLARD
UNIVERSITY

TULANE
UNIVERSITY

NORTHSHORE TECHNICAL
COMMUNITY COLLEGE

LOYOLA
UNIVERSITY

XAVIER
UNIVERSITY

HOW MUCH WILL I BE PAID PER HOUR?

\$17.54

\$33.45

Typical

\$96.50

Experienced

YouthForce
NOLA

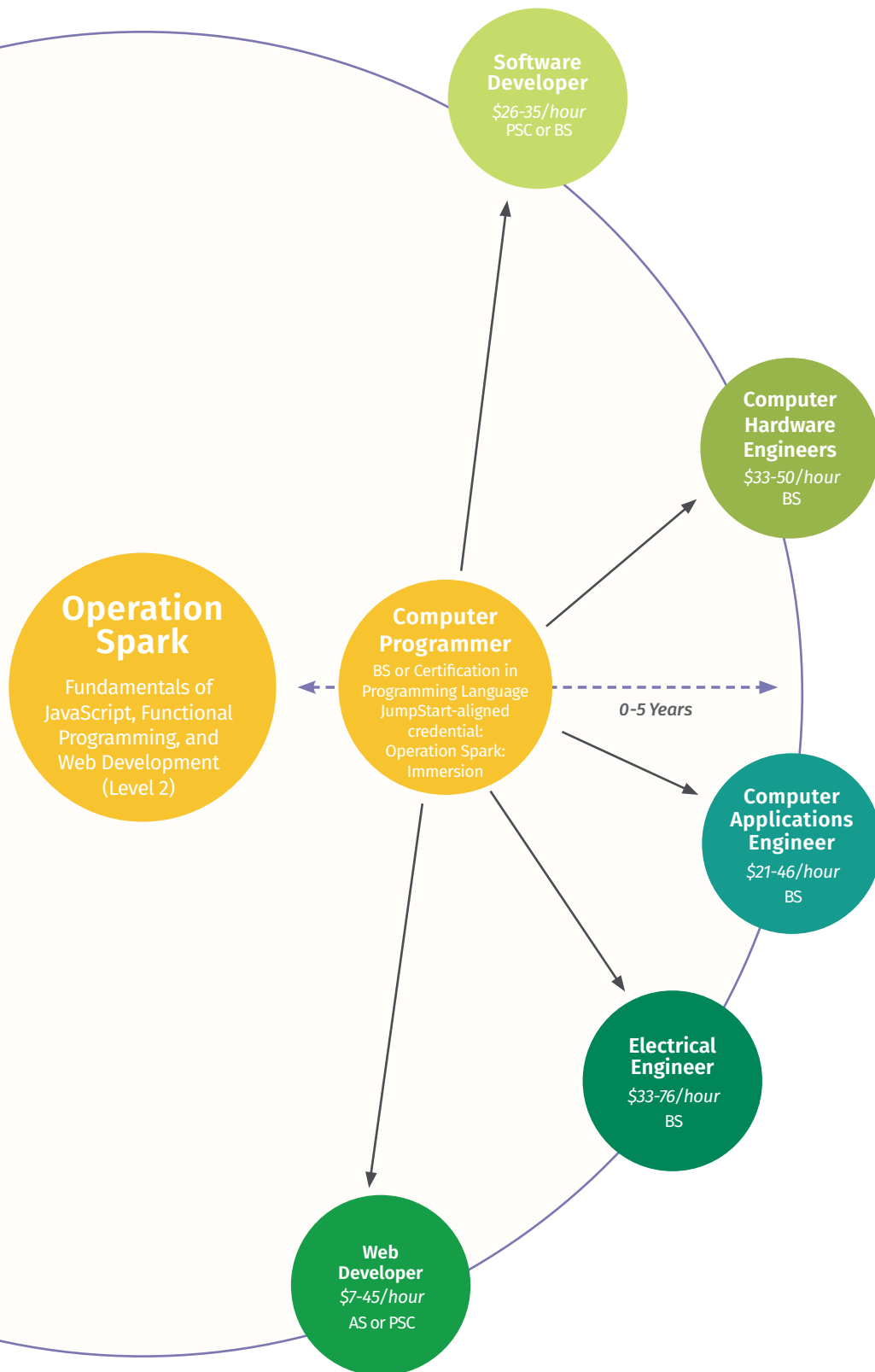


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JPMORGAN CHASE & CO.

CAREER GROWTH DIGITAL MEDIA/IT

Computer Programmer



GLOSSARY OF TERMS

AAS – Associate of Applied Science, two-year college degree

AS – Associate of Science, two-year college degree

BS – Bachelor of Arts, four-year college degree