COMPUTER PROGRAMMER

JOB DESCRIPTION

Computer programmers write and test code for computer applications and software programs. Program design entails planning the software, creating models and flowcharts for how the code will be written, writing and debugging code, and designing an application or systems interface.

KEY DUTIES

- Write programs in a variety of computer languages
- Update and expand existing programs
- Test for errors and fix faulty code
- Create and test code in an integrated development environment (IDE)

SOFT SKILLS

- **Problem-solving:** Identify simple and complex computer problems, analyze and solve them
- **Listening:** Understand and clarify the questions your customers ask and know when to ask questions
- **Teamwork and Collaboration:** Work well with others as a part of a team

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 how computers, phones, and other devices work.

You like solving problems and puzzles.

How much will I be paid per hour?

$17.54
Entry Level

$33.45
Typical

$96.50
Experienced

How do I start training during high school?

OPERATION SPARK

DIGITAL MEDIA/IT
CREDENTIAL & CAREER PATHWAY

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DIGITAL MEDIA/IT
CAREER GROWTH

COMPUTER PROGRAMMER

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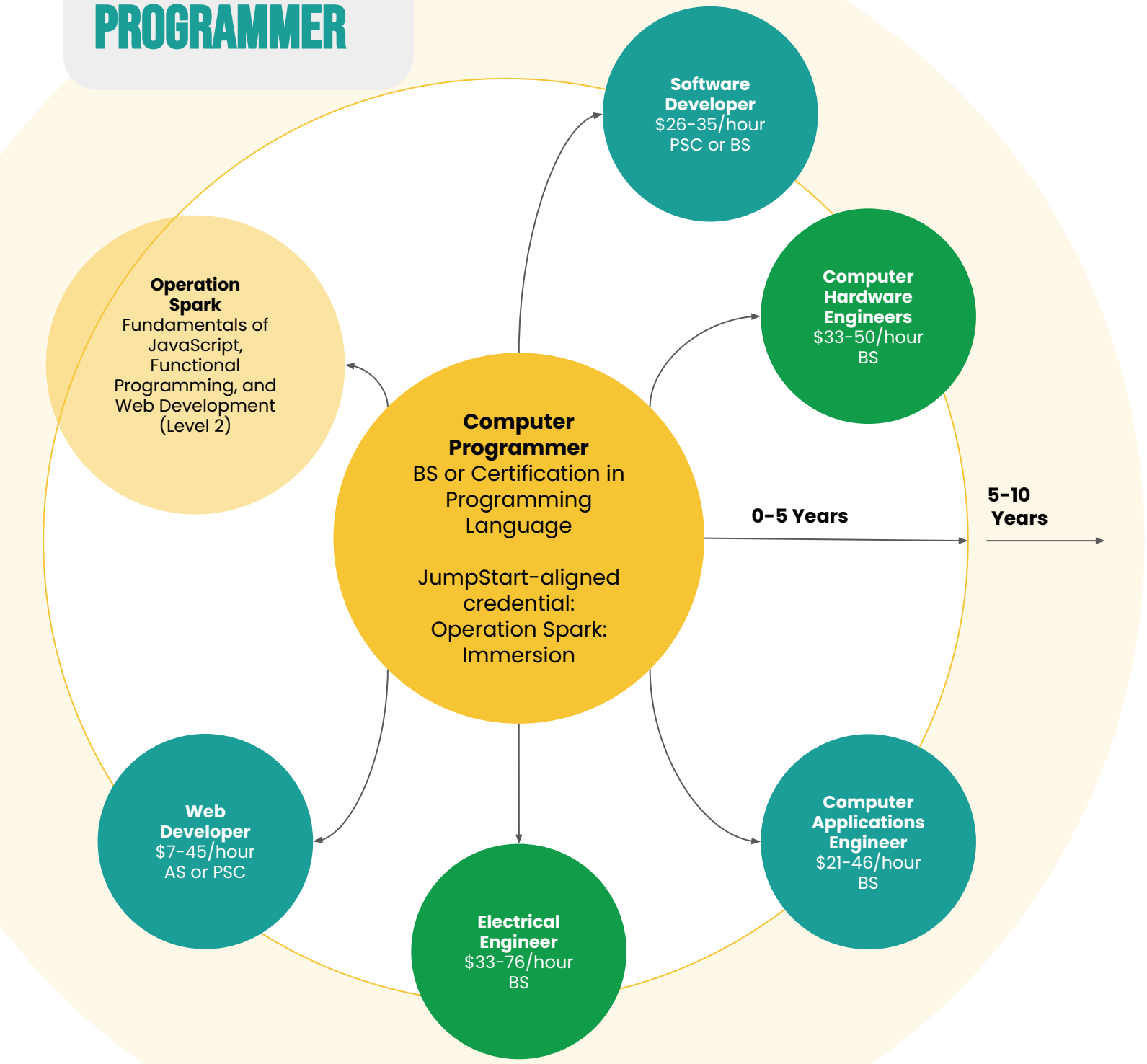

GLOSSARY
PSC – Post-secondary credential
AAS – Associate of Applied Science, two-year college degree
AS – Associate of Science, two-year college degree
BS – Bachelor of Arts, four-year college degree