

ARNOLD, STEVEN B.

151 ROBERT DR
COCHRAN GA 31014

Georgia Cert. ID: 1738368

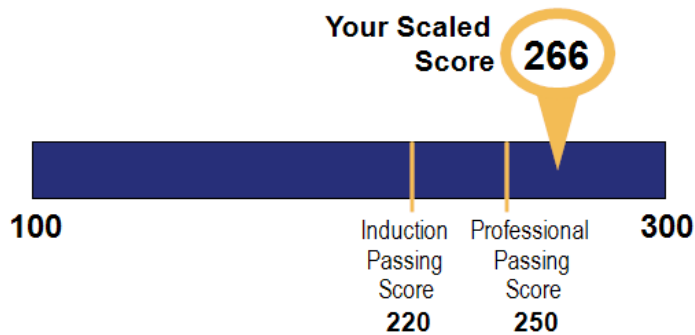
Test Date: 04/17/2023

ETS ID No.: 11338252

Your Score

555 - Computer Science

Assessment Passed at
Professional Level



About Your Score Report

Scores for other assessments taken on this date are in separate score reports.

See *Understanding Your GACE® Scores* for detailed information about how to interpret and most effectively use the information presented in this score report. Information about the assessment can be found in the Study Companion* and the Test at a Glance (TAAG)* for this subject. Both are available as free downloads on the GACE website at www.gace.ets.org.

Your score report shows information about passing scores at two levels: an induction passing score and a professional passing score. **At this time, examinees passing a GACE assessment at the induction level or the professional level have met the Georgia Special Requirement to pass the content knowledge assessment(s) appropriate to the field of certification.** See *Understanding Your GACE® Scores* for additional information.

Scores are reported to the Georgia Professional Standards Commission (GaPSC), the program provider that authorized you to take this assessment, and any other score recipients you selected. This score report will be accessible to you for 50 years from the test date. Please save or print a copy of this PDF for your records.

*Not available for the American Sign Language Proficiency Interview (ASLPI)

Your Highest Score to Date*

Code - Test Name	Status	Test Date	Scaled Score Range	Induction Passing Score	Professional Passing Score	Your Scaled Score
555 - Computer Science	Passed Professional	04/17/2023	(100-300)	220	250	266

* Inclusive of tests taken on or after October 1, 2013. If you tested before October 1, 2013, contact Evaluation Systems, Pearson.

Note: If you have questions, contact ETS Customer Service at 1-855-225-7178.

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555 - Computer Science

Performance Analysis for Selected-Response (SR) Questions*

Number Correct
of SRs

56

Total SR Questions

80

Detailed Performance Analysis for Selected-Response (SR) Questions*

Subareas and Objectives**	Scored Questions	Number Correct
Subarea I. Impacts Of Computing	12	11
1. Understands and applies knowledge of impact of, obstacles to, and effects of computing	6	6
2. Understands and applies knowledge of issues regarding intellectual property, ethics, privacy, and security computing	6	5
Subarea II. Algorithms And Computational Thinking	20	11
1. Understands and applies knowledge of abstraction, pattern recognition, problem decomposition, number base conversion, and algorithm formats	12	8
2. Understands and applies knowledge of algorithm analysis, searching and sorting algorithms, recursive algorithms, and randomization	8	3
Subarea III. Programming	24	15
1. Understands and applies knowledge of programming control structures, standard operators, variables, correctness, extensibility, modifiability, and reusability	12	8
2. Understands & applies knowledge of procedures, event-driven programs, usability, data structures, debugging, documenting & reviewing code, libraries & APIs, IDEs, & programming language paradigms	12	7
Subarea IV. Data	12	8
1. Understands and applies knowledge of digitalization, data encryption and decryption, and computational tools	7	4
2. Understands and applies knowledge of simulation, modeling, and manipulation of data	5	4
Subarea V. Computing Systems And Networks	12	11
1. Understands and applies knowledge of operating systems, computing systems, communication between devices, and cloud computing	5	5
2. Understands and applies knowledge of networks, including security issues and the Web	7	6

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*This does not include questions that were included for research purposes and are not scored.

**ETS is very committed to ensuring the reliability and validity of each GACE assessment. While the overall score reflects an accurate measure of the test taker's performance on the assessment, there are cautions when using the subarea and objective level information to make judgments. Subarea and objective level information indicates the number of test questions answered correctly for relatively small subsets of the questions. Because they are based on small numbers of questions, subarea and objective scores are less reliable than the official scaled scores, which are based on the full set of questions. Furthermore, the questions in a subarea or objective may vary in difficulty from one test form to another. Therefore, while scaled scores on different forms of the same subtest of an assessment are comparable, the subarea and objective scores of individuals who have taken different forms of the test are not necessarily comparable. For these reasons, subarea and objective scores should not be considered a precise reflection of a candidate's level of knowledge in that subarea or objective and ETS recommends that subarea and objective information not be used to inform any decisions without careful consideration of the limited nature of the data.