



This certifies that

Mariam Derbali

successfully completed the

JavaScript Algorithms and Data Structures

Developer Certification on September 15, 2024

representing approximately 300 hours of work



A handwritten signature in black ink, appearing to read "Quincy Larson", positioned above a horizontal line.

Quincy Larson

Executive Director, freeCodeCamp.org



Verify this certification at:

<https://freecodecamp.org/certification/fcc47df7c0d-dbf1-44ab-b730-39d62228e518/javascript-algorithms-and-data-structures-v8>