

Verified
Certificate

HarvardX



David J. Malan

Gordon McKay Professor of the Practice of Computer Science

Harvard University



Carter Zenke

Senior Preceptor in Computer Science

Harvard University

This is to certify that

Jason Aubrey Hartgraves

successfully completed and received a passing grade in

**CS50R: CS50's Introduction to Programming
with R**

a course of study offered by HarvardX, an online learning
initiative of Harvard University.



Verified Certificate
Issued June 30, 2025

Valid Certificate ID
[8105247fd59d4b818d93ea194074b7e1](#)