



4 Courses

**Test-Driven Development  
Overview**

**A Practical Introduction to  
Test-Driven Development**

**Integrating Test-Driven  
Development into Your  
Workflow**

**Test-Driven Development  
Project: Random Person  
Generator**



Mar 16, 2022

## JHON FELIPE URREGO MEJIA

has successfully completed the online, non-credit Specialization

# Test-Driven Development

In this Test-Driven Development Specialization, we will take a hands-on look at Test-Driven Development by writing and implementing tests from the first module. You'll be translating user specs into unit tests, applying the Red-Green-Refactor mantra, and applying mocks in python with the unit test mock module. You'll learn to integrate best practices of test-driven development into your programming workflow and refactor legacy codebases with the help of agile methodologies. We will explore continuous integration and how to write automated tests in Python. Finally, we will work everything we've learned together to write code that contains error handlers, automated tests, and refactored functions.

*Doug Purcell*

Doug Purcell has an extreme passion for tech and education. Growing up as a kid he had an affinity for games and electronics, and switched his interest from hardware to software when he went to college. His claim to fame is that he published five books, with his favorite one being Code Cool Stuff With Python. Outside of tech he loves history, traveling (pre-covid of course!) and photographing architecture.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

[coursera.org/verify/specialization/G77SVR8BYCQC](https://coursera.org/verify/specialization/G77SVR8BYCQC)