

This certifies that

**Zafar Mahmood Waris**

has successfully completed the freeCodeCamp.org

**Machine Learning with Python**

Developer Certification, representing approximately 300 hours of  
coursework.

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

Quincy Larson

Executive Director, freeCodeCamp.org