import socket

import os

CHUNK\_SIZE = 1024

def receive\_file(save\_dir, port):

sock = socket.socket(socket.AF\_INET, socket.SOCK\_DGRAM)

sock.bind(('', port))

# Receive the filename first

filename, \_ = sock.recvfrom(CHUNK\_SIZE)

filename = filename.decode()

# Full path to save the file

save\_path = os.path.join(save\_dir, filename)

with open(save\_path, 'wb') as f:

while True:

data, \_ = sock.recvfrom(CHUNK\_SIZE)

if data == b'\_\_END\_\_':

break

f.write(data)

sock.close()