

Allen Gabrielle S. Cruiz

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Repository: <https://github.com/AlienWolfX>

COMPETENCY SYNOPSIS

- 1 Year Experience in Embedded Systems Development (OpenWRT, Realtek SDK, eCos)
- Knowledgeable with the Linux Kernel
- 1 Year Experience with Network Devices

WORK EXPERIENCE

Company/Employer	Period Covered	Job Description
Infinity Hinatuan, Surigao Del Sur	August 9-10	<ul style="list-style-type: none">• Installed and Rewire Network Devices (load balancer and network switches)

TRAININGS & SEMINARS

Name	Date	Venue	Sponsor
DApp using Blockchain	June, 29, 2023	Navigatu, CCIS, Ampayon, Butuan City	None

CERTIFICATIONS

Name	Date Earned	Provider
Introduction to HTML	August 29, 2023	Sololearn
Introduction to CSS	August 29, 2023	Sololearn

AFFILIATION

Position

Date

Contributor, Vendor ID, Hack GPON Org

August 2023

Contributor, Realtek Driver, Realtek Semiconductor

July 2022

OTHER SKILL

- Knowledgeable with the GNU/Linux Operating System
- Knowledgeable with Programming

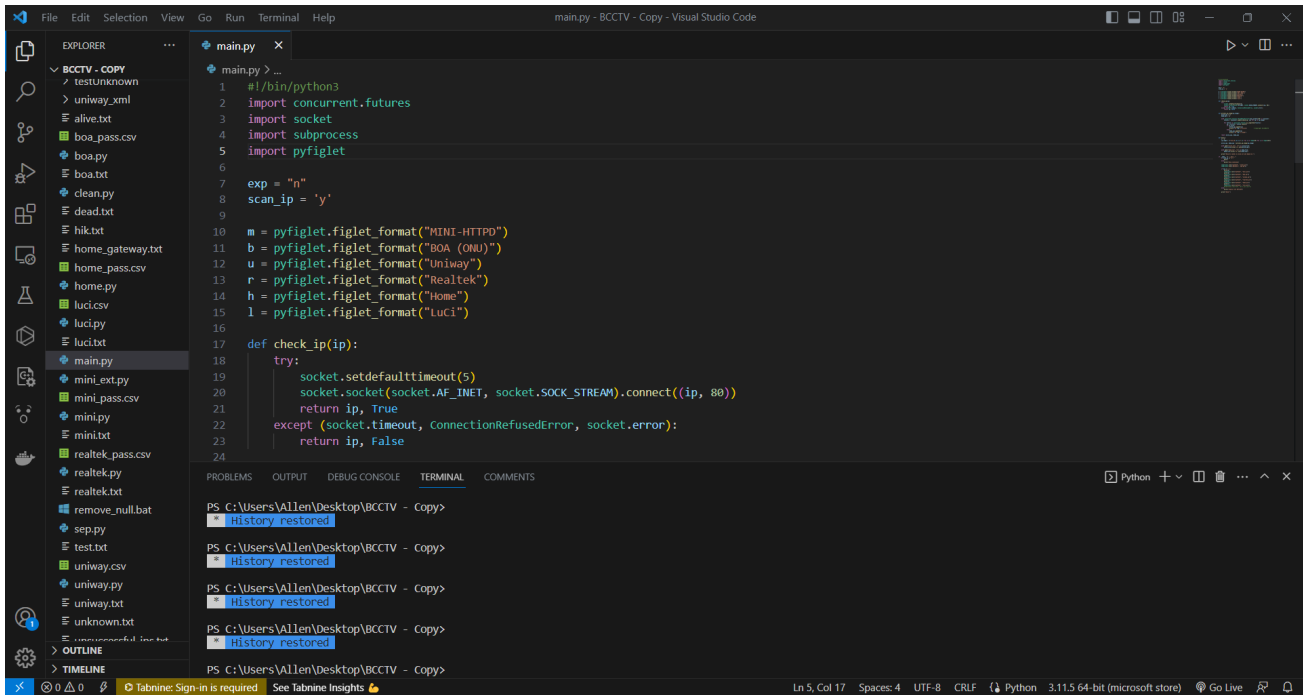
EDUCATIONAL BACKGROUND

Level	Name of School/Degree	Date Graduated
Tertiary:	Caraga State University Ampayon, Butuan City, BS in Information and Technology	Ongoing

PROJECT PORTFOLIO

1. HarvestX

A tool for gathering ONU configuration files, parsing the content and saving the data in its respective folders



The screenshot displays the Visual Studio Code interface. The Explorer sidebar on the left shows a project named 'BCCTV - COPY' with various files and folders. The main editor window shows the code for 'main.py', which is a Python script designed to scan for specific ONU configurations. The script uses the 'pyfiglet' library to format IP addresses and includes a 'check_ip' function that attempts to connect to a target IP on port 80. The terminal window at the bottom shows the execution of the script, with the command prompt indicating the current directory is 'C:\Users\Allen\Desktop\BCCTV - Copy'.

```
1  #!/bin/python3
2  import concurrent.futures
3  import socket
4  import subprocess
5  import pyfiglet
6
7  exp = "\n"
8  scan_ip = 'y'
9
10 m = pyfiglet.figlet_format("MINI-HTTPD")
11 b = pyfiglet.figlet_format("BOA (ONU)")
12 u = pyfiglet.figlet_format("Unipay")
13 r = pyfiglet.figlet_format("Realtek")
14 h = pyfiglet.figlet_format("Home")
15 l = pyfiglet.figlet_format("LuCi")
16
17 def check_ip(ip):
18     try:
19         socket.setdefaulttimeout(5)
20         socket.socket(socket.AF_INET, socket.SOCK_STREAM).connect((ip, 80))
21         return ip, True
22     except (socket.timeout, ConnectionRefusedError, socket.error):
23         return ip, False
24
```

Terminal output:

```
PS C:\Users\Allen\Desktop\BCCTV - Copy>
PS C:\Users\Allen\Desktop\BCCTV - Copy>
PS C:\Users\Allen\Desktop\BCCTV - Copy>
PS C:\Users\Allen\Desktop\BCCTV - Copy>
PS C:\Users\Allen\Desktop\BCCTV - Copy>
```