






## Sid Gallen E. Tobias

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## Career Objective

Motivated and detail-oriented **Electronics Engineering graduate** seeking opportunities in **Embedded Systems Engineering, Software Engineering, Cyber Security, and Information Technology (IT)** industry. Passionate about solving real-world problems through innovative technologies, I aim to contribute to a dynamic environment where I can grow as a multi-disciplinary engineer.

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## Experience

### Freelance Web Developer

 General Trias, Cavite  
 April 2025 – Present

- Created responsive, user-centric websites for real businesses from real-world clients (e.g., Mabuhay Power & Diesel Generator Services, MJK Iron Works). - *Check portfolio to see*
- Designed modern layouts with interactive JavaScript features and implemented SEO best practices.
- Deployed websites and managed updates using GitHub and version control tools.



### On-the-Job Trainee – Electronics Support

 Pro Board Technology Services (PBTs) Corporation – Carmona, Cavite  
 July 2023 – August 2023

- Assisted in troubleshooting and repairing electronic devices and boards.
  - Performed circuit analysis and hardware diagnostics.
  - Supported testing operations to improve quality assurance processes.
  - Maintained technical reports and documentation for engineering tasks.
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## Education

### Bachelor of Science in Electronics Engineering

 Emilio Aguinaldo College – Dasmariñas, Cavite  
 Graduated: July 2024

- Dean's List (2022–2024)
- Capstone Project: Designed and developed a reverse vending machine that converts PET plastic bottles into WIFI access using Arduino Uno, Raspberry Pi, motors, and sensors.

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## Technical Skills

### Programming & Web Development

Python, C, C++, JavaScript, HTML, CSS  
Data Structures & Algorithms  
Responsive Web Design, Basic DOM Manipulation  
Git & GitHub (Version Control)

### Operating Systems & Tools

Windows, Linux (Arch, Debian, Kali)  
PowerShell, Command Prompt, Bash  
Docker (Basics), VirtualBox, VMware  
Systemd, Cron, Rsync, Logrotate

### Embedded Systems & Hardware

Arduino, Raspberry Pi  
Circuit Design, Schematic Reading  
Oscilloscope, Logic Analyzer, Multimeter  
Communication Protocols: I2C, SPI, UART, CAN

### Cybersecurity & Networking

Cybersecurity Fundamentals (CIA Triad, Attack Vectors)  
Ethical Hacking & Penetration Testing (Kali Linux, Basic Tools)  
Web App Security (OWASP Top 10 – Beginner)  
Network Scanning & Recon Tools (Nmap, Burp Suite Basics)  
TCP/IP, DNS, DHCP, LAN/WAN, Routers & Switches  
Wireshark, Hashcat, Hydra (Basic Use)

### IT & Infrastructure

Windows Server & Active Directory (Intro level)  
IT Automation (Basic Bash & PowerShell scripting)  
Cloud Basics (AWS EC2, IAM, S3)  
ITIL & Systems Administration Fundamentals

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## Certifications

- **Certified in Cybersecurity (CC)** – ISC<sup>2</sup>
- **Google Cybersecurity Professional Certificate** – Coursera
- **EC-Council Essentials Series (Network Defense, Ethical Hacking, Digital Forensics)** – EC-Council
- **Palo Alto Networks Cybersecurity Foundation** – Palo Alto Networks
- **Google IT Support Professional Certificate** – Coursera
- **AWS Certified Cloud Practitioner** – Amazon Web Services
- **IBM Cybersecurity Analyst & Cloud Essentials Certificates** – IBM SkillsBuild
- **JNCIA-Junos (Entry-Level Networking)** – Juniper Networks
- **Climb Hire IT Support Track (with CompTIA A+ Equivalent)** – Climb Hire

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## Professional Skills

- Strong analytical and logical problem-solving skills
- Detail-oriented and organized
- Effective communication and team collaboration
- Fast learner and highly adaptable to new technologies
- Technical documentation & reporting
- Self-motivated, results-driven, and able to work independently
- Time management and prioritization