



Sid Gallen E. Tobias

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 Portfolio: <https://tobiassidgallen.github.io/portfolio/>

 GitHub: <https://github.com/tobiassidgallen>




Career Objective


Motivated and detail-oriented Electronics Engineering graduate seeking opportunities in **Embedded Systems Engineering, Software Development, and Information Technology (IT)** industry. Combines academic and self-taught skills in web development, system troubleshooting, and hardware diagnostics. Passionate about solving technical problems, building user-focused solutions, and growing within a dynamic, collaborative environment.



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).
- 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.



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.

Technical Skills

- **Web Development:**
HTML, CSS, JavaScript, React, PHP, MongoDB, MySQL
 - **Operating Systems & System Tools:**
Windows OS Configuration, Troubleshooting & Maintenance, CMD, PowerShell (Basic Scripting, System Commands & Admin Tasks), System Imaging, Partitioning, Data Recovery
 - **Productivity Tools:**
Microsoft Office Suite (Word, Excel, PowerPoint), Google Workspace (Docs, Sheets, Slides)
 - **Networking:**
Basic Networking Concepts (TCP/IP, IP Addressing, DNS, DHCP, LAN/WAN, Routers & Switches)
 - **IT Support & Troubleshooting:**
Software & Driver Troubleshooting, Hardware Diagnostics & Repair (Soldering, Circuit Analysis, PCB Rework)
 - **Embedded Systems & Prototyping:**
Arduino & Raspberry Pi Programming (C/C++)
 - **Additional Tools & Software:**
MATLAB (Basic Signal Simulation & Processing), AutoCAD (Basic Schematics & Layouts)
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Professional & Soft 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 with initiative
- Time management and prioritization
- Customer-focused technical support and service