



CHADRICK SON M. ELMAN

Graduating Computer Engineering Student

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PROFESSIONAL SUMMARY

Graduating Computer Engineering student with a strong foundation in both hardware and software development. Skilled in Python, C#, C++, Java, and HTML, with hands-on experience in embedded systems for automation and control. Proficient in creating precise 2D/3D technical models using AutoCAD and in PCB layout design with practical prototyping experience. Knowledgeable in network configuration, system troubleshooting, and technical documentation. Passionate about contributing to innovative engineering solutions and working with a dynamic team focused on technology and real-world impact.

EDUCATION

Cavite State University – Carmona Campus
Bachelor of Science in Computer Engineering
Market Road, Carmona, Cavite
September 2021 – September 2025

TECHNICAL SKILLS

- Embedded systems development for automation and control
- Programming in Python, C++, C#, Java, and HTML/CSS/JavaScript
- 2D/3D CAD modeling and drafting (AutoCAD, SketchUp)
- Schematic design and PCB layout for circuit prototyping (KiCad, Proteus)
- Mobile game development using Unity
- Digital circuit design and simulation using Verilog HDL
- Hardware troubleshooting, network configuration, and system maintenance
- System analysis and documentation

INTERPERSONAL SKILLS

- Strong problem-solving and analytical thinking
- Effective team collaboration and communication
- Adaptability in dynamic environments
- Time management and attention to detail

TOOLS & TECHNOLOGIES

- AutoCAD • SketchUp • KiCad • Proteus
- Visual Studio Code • GitHub • Figma
- .NET Framework • Unity
- Microsoft Office (Word, Excel, PowerPoint)

CHARACTER REFERENCE

Name: **Abigail M. Detruz – Teacher II**
Phone: 0939 777 5120
Email: abigaildetruz@gmail.com

WORK EXPERIENCE

- **On-the-Job Trainee – Lemcon Philippines Inc.**
Network Operation Center (NOC) Dept.
Unit 41 Laguna Technopark, Brgy. Biñan, 4024 Laguna
August 5, 2024 – September 17, 2024
 - Gained practical experience in network monitoring, basic troubleshooting, and system support.
- **Service Crew - Hào Hê Milk Tea Shop**
B20 L9 Ph6, Carmona Estates, Lantic, Carmona
March 2020 - March 2021

PROJECT EXPERIENCE

- **MEDI-CAB: Automated Medicine Cabinet for Real-Time Tracking & Expiry Alerts** (*Research Prototype, 2025*)
 - Developed a touchscreen-based system with LDR sensors for real-time inventory tracking and expiry alerts (up to 18 items).
 - Designed a 3D enclosure and wiring layout using AutoCAD; assembled the system with soldered PCB components for reliable medication management.
- **Automated IoT Smart Mini Home** (*Academic Project, 2024*)
 - Built and programmed a 1:24 scale smart home with wireless control of lights, sensors, and a motorized gate via a custom mobile app.
 - Integrated sensors and actuators to simulate real-time automation using embedded systems and IoT.

CERTIFICATIONS, WEBINARS, & AWARDS

- **Cum Laude** – Latin Honor with **GPA of 1.575**
- **Academic Excellence Award** – 2022–2023
- **Scholarship** from *Iskolar ng Bayan ng Carmona* (IBCC) – 2022–Present
- **Python Essentials 1** – Cisco Networking Academy (July 18, 2025)
- **Introduction to CSS** – TESDA (July 7, 2024)
- **SMART Android Mobile Apps Development for Beginners** – TESDA (December 22, 2023)
- **Implement an Intelligent Agent Using the Azure AI Agent Service** – Microsoft Azure AI Workshop (June 21, 2025)
- **AI-driven Future of Manufacturing and Logistics Operations** – Globe Business Breakthrough Webinar (March 20, 2025)


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Applicant