Wincel G. Crusit

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Professional Summary

AI/ML and Frontend Developer building web and mobile applications with React Native, Next.js, TypeScript, Python, PyTorch, and TensorFlow. Experienced in Siamese Neural Networks, explainable AI, data classification, and Shopify Liquid theme development, with AI workflow automation using n8n and APIs. Led and developed systems for handwritten signature verification, emergency response, and automated content generation.

Education

Laguna State Polytechnic University – San Pablo City Campus — San Pablo City, Laguna
Bachelor of Science in Computer Science, Major in Intelligent Systems — Expected 2027
Thesis: AVERA: Assistive Android Application for Handwritten Signature Verification Using Siamese Neural Networks with Explainable AI
Relevant Coursework: Object-Oriented Programming, Web Development, Data Structures and Algorithms, Database Management Systems, Introduction to AI and Machine Learning, Intelligent Systems, Cybersecurity Fundamentals, Software Engineering

Our Lady of Sorrows Academy Inc. — Dolores, Quezon
Senior High School (ABM) and Junior High School, With High Honors — 2017 – 2023

Experience

Freelance Shopify Website Project — Eastwood City/Remote
Shopify Developer — September 2026 – Present
- Develop a client Shopify storefront with a UI/UX design partner, turning Figma designs into a working store
- Build and customize theme sections and responsive components using Shopify Liquid, HTML, CSS, and JavaScript
- Set up store structure, product collections, and site navigation for the client

AVERA Capstone Project — LSPU San Pablo City Campus
Project Lead, Machine Learning Developer, and Frontend Developer — April 2026 – Present
- Lead the development team, coordinating tasks and timelines across design, backend, and machine learning work
- Develop a Siamese Neural Network for handwritten signature verification, with explainable AI outputs showing which signature regions drove each result
- Train and evaluate models in Python with PyTorch and TensorFlow on Google Colab
- Build React Native frontend screens and integrate verification results into the Android app

Freelance Content Creation — Remote
Content Strategist, Video Editor, and Photographer — 2023 – Present
- Produce short- and long-form content for TikTok, YouTube, and Facebook, adjusting posts based on algorithm analysis
- Handle scripting, filming, editing, and distribution for affiliate and automated channels using CapCut

Official School Promotional Video Project — Remote
Solo Creator (Writer, Videographer, Editor) — 2023
- Scripted and produced the official school promotional video, passing multiple rounds of faculty critique for release
- Awarded Special Recognition in Multimedia Arts for outstanding individual contribution

Leadership & Activities

Web Design Team, ALGO – LSPU San Pablo City Campus — San Pablo City, Laguna
Member — 2024 – 2025

- Brainstormed web structure, layout, and visual hierarchy, and designed UIs and front-end layouts for organization and school projects

Semicolon, Echo (CCS Publisher), and Computer Club San Pablo City, Laguna
Photographer 2023 – 2024
- Covered organization events, articles, and digital releases with the creative and editorial teams

Supreme Student Government (SSG) Dolores, Quezon
Auditor and Photographer 2019 – 2023
- Managed activity budgets and documented student-led events

Skills & Interests

- **Programming & Web:** React Native, Expo, Next.js, JavaScript, TypeScript, HTML, CSS, Shopify Liquid, Python, C#
- **Backend & Databases:** Node.js, MySQL, MongoDB, Supabase
- **AI & Machine Learning:** PyTorch, TensorFlow, Siamese Neural Networks, data classification, AI agents and prompting, Google Colab, Roboflow
- **Workflow & DevOps:** n8n, Ngrok, APIs, OpenRouter, Git and GitHub
- **Multimedia & Design:** Figma, Canva, Photoshop, CapCut, DaVinci Resolve, photography, videography

Competitions

iSITE AI Hackathon, Team Ta'Node Remote
iSITE National IT Skills Competition April 2026
- Placed First Runner-Up as Team Lead and Workflow Architect of a three-person team
- Built DriveMinded, an automated AI workflow that generates three content options for pending car listings
- Routed drafts via Telegram or social media for one-click owner approval

Batang Techno Hackathon, Team ALGORIZZMS Batangas City, Batangas
Hosted by CICS Student Council, Batangas State University Alangilan April 2026
- Reached the finals as Team Lead, Mobile Developer, and Pitch-Person of a four-member development team
- Built ResqLine, an emergency management system addressing UN SDG 16: a React Native app for verified citizen reports (photo and GPS) and a Next.js admin dashboard with an ML-enhanced backend
- Directed the project lifecycle and produced the pitch video

Certifications

IT Specialist: Artificial Intelligence — Certiport	Nov 2026
User Experience Design Fundamentals — IBM SkillsBuild	May 2026
Data Fundamentals — IBM SkillsBuild	May 2026
Operating Systems Basics — Cisco Networking Academy	Apr 2026
Project Management Fundamentals — IBM SkillsBuild	Nov 2025
Introduction to Modern AI — Cisco Networking Academy	Nov 2025
Agile Explorer — IBM SkillsBuild	Oct 2025
Planning a Machine Learning Project — AWS Training and Certification	Aug 2025
Developing Designs for User Interface — TESDA	Apr 2025
Developing Designs for User Experience — TESDA	Apr 2025
Introduction to Visual Graphic Design — TESDA	Apr 2025
Developing Designs for a Logo — TESDA	Apr 2025
Project Management and Technical Design Explorer — IBM SkillsBuild	Oct 2025
AI Fundamentals with IBM SkillsBuild — Cisco Networking Academy	Nov 2024
Cloud Computing Fundamentals — IBM SkillsBuild	Sep 2024
JavaScript Essentials 1 — Cisco Networking Academy	Sep 2024
Fundamentals of Sustainability and Technology — IBM	Sep 2024