Hans Archer Dalubatan
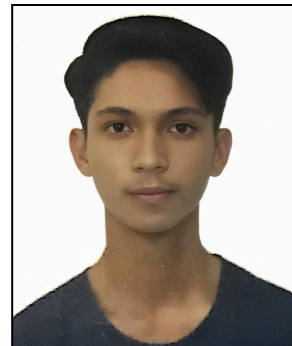
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hanzarcher.pythonanywhere.com

A passionate and aspiring full-stack developer with a strong foundation in both front-end and back-end technologies and is determined to come up with innovative, efficient, and user-friendly applications while I learn and improve continuously.

EXPERIENCE

Philippine Statistics Authority, Argao Cebu— *Statistical Researcher*

June 2024 - September 2024

I was tasked with collecting demographic, social, and economic data from households. This data is critical for national planning, development programs, and the formulation of policies aimed at improving the quality of life for Filipinos. My role involved identifying and addressing discrepancies in the data.

FJR IT Solutions, Argao Cebu— *Computer Servicing Intern*

May 2021 - June 2021

Provided PC services, such as hardware installation, software setup, and maintenance. This hands-on experience greatly enhanced my technical skills and deepened my understanding of IT solutions. I also installed point-to-point (P2P) WiFi connections, ensuring network setups were correctly implemented for home and small business use.

EDUCATION

Cebu Technological University, Argao Cebu — *Bachelor of Science in Information Technology*

Dean's Lister

Kwentas Klaras Digital Project Management Information System v1.0 Developer

June 2021 - Present

Argao National High School, Argao Cebu — *Senior High School, Information Communications Technology Strand*

June 2019 - May 2021

With Honors

SKILLS

- Web Development
- Full Stack Development
- Version Control
- Continuous Integration
- Continuous Deployment
- Database Management
- Object Oriented Programming
- Visual Studio Code Extension Development
- React Development
- Python Development
- Typescript Development
- Batch Scripting
- UX/UI Development

PROJECTS

Kwentas Klaras Digital Project Management Information System — *Developer*

The Kwentas Klaras Digital Project Management Information System (PMIS) is a sophisticated yet easy to use platform designed for getting public sector projects by the Local Government Unit (LGU) of Boljoon. The project calls for planning, tracking and reporting on projects, with tools available to local government officials, stakeholders, and team members who are executing the project.

Visual Studio Code Extension: Live Collaboration (Code ta Bai!) — *Developer*

A Typescript based VS Code extension for real-time collaboration, allowing multiple users to edit the same file simultaneously. It syncs changes across instances using a unique document ID, making collaborative coding seamless.

Visual Studio Code Extension: Github Workflow Generator — *Developer*

Automatically generate GitHub Actions powered by Typescript, Automating workflow files for popular project types like Django, Python, HTML/CSS with Firebase, and PHP. Streamline CI/CD.

Visual Studio Code Extension: Django Setup — *Developer*

This tool assists in creating a Django project with a virtual environment, installing dependencies, and setting up a Python-based development environment. It automates the process of generating a project and app structure, saving time for developers starting new Django applications.

Vite + React Automation Script — *Developer*

A batch script designed to automate the initial setup for a MERN (MongoDB, Express, React, Node.js) stack project. The script handles the creation of a folder structure, initializes a Vite React project for the frontend, sets up Tailwind CSS, and creates placeholder files and directories to streamline development.

CSV to Charts Webapp — *Developer*

This project uses Django to upload and process CSV files, converting the data into interactive charts. With the help of Chart.js, it generates various types of visualizations, such as bar, line, and pie charts, directly from the CSV data.

IP Tracker Webapp — *Developer*

is a web application designed to scan and visualize IP data. Built with Django.

2024 US Election Python — *Developer*

This Python project reads data from CSV files containing U.S. election results and converts it into interactive charts.

WORKSHOPS & CERTIFICATIONS

- Google Developer Student Club Mobile Development Workshops
- Introduction to Machine Learning with TensorFlow
- Cebu ICT Student Congress
- Contact Center Services NC II
- HTML Fundamentals
- Introduction to Critical Infrastructure Protection