Aurel Jared C. Dantis

Diliman, Quezon City, PH

dantis.me/

jareddantis@gmail.com

linkedin.com/in/jareddantis

Profile

Computer science graduate with a passion for the visual arts and a desire to unite timely information with good design. Has experience creating websites, promotional materials, and other media for various purposes, ranging from personal projects to academic requirements and events.

Education

University of the Philippines Diliman
Bachelor of Science in Computer Science · 2019 — present

Philippine Science High School Main Campus
Secondary · 2013 — 2019

University of the Philippines Integrated School
Primary · 2006 — 2013

Skills

Web Development

Vue.js, Nuxt
Tailwind CSS
Bootstrap, jQuery
Flask
Figma
SQL

Adobe Creative Cloud

Photoshop
Illustrator
Lightroom
Premiere Pro

Programming Languages

HTML5, CSS3, JavaScript
Python 3
C

DevOps, etc.

Docker, Portainer
Git version control
Cloudflare (DNS, Argo Tunnels)
Linux/UNIX proficiency
ZeroTier, Tailscale
Nginx

Experience

Web Development Intern, *UP-PGC CFB*   Jun 2022 — Jul 2022

Helped enhance *GxBLearn*, a website for teaching the basics of bioinformatics, by incorporating interactive Biopython examples that could run in the browser, no Python installation required.

Branding & Creatives Manager, *CURSOR++*   Sep 2021 — May 2022

Designed branding and digital media for the Academic Year 2021-2022 installment of CURSOR++, a series of internal workshops geared towards developing professional, technical, and soft skills of UP CURSOR members.

WebUpdates Team Head, *UP CURSOR 2122A*   Sep 2021 — Jan 2022

Designed the new UP CURSOR website for 2022 and led the team responsible for the website design and the online announcement materials for the UP Association of Computer Science Majors (UP CURSOR).

Research & publications

**Developing a Browser Extension for the Automated   2023
Detection of Deceptive Patterns in Cookie Banners**

Adorna, J. H., Dantis, A. J., Feria, R., Figueroa, L. L., & Solamo, R.

Presented at the 2023 Workshop on Computation: Theory and Practice in Chitose, Hokkaido, Japan. Pending publication.

Awards & citations

University Scholar

University of the Philippines Diliman

Oblation Scholarship Awardee   2019

University of the Philippines Diliman

Undergraduate Merit Scholarship Awardee   2019

Science Education Institute, Department of Science and Technology

Director's Lister   2013 — 2019

Philippine Science High School Main Campus

Workshops & conferences attended

Iskolart   Nov 2018

Conference on the application of design in an educational context, and the state of art in current Philippine society.

PSHSS 2018 Science Research Summit   Sep — Oct 2018
Convention of PSHS scholars from all over the Philippines that aims to
increase the community's knowledge and appreciation of Science,
Technology, Engineering, and Mathematics (STEM).

Graphika Manila 2018   Feb 2018
Annual conference on the current state of and trends in design, with talks
from veterans of various fields in the industry.

TEDxYouth@PSHSMain   May 2017
Conference that aims to spark discussion and connection through talks
given by experts from various fields, from mathematics to the arts.

Projects

Ariadne   *https://github.com/wsg-ariadne*
Browser extension for detecting deceptive patterns on websites using
machine learning. Presented as undergraduate thesis project at WCTP 2023
(see previous Research & Publications section).

Extension written in Vue.js 3 & Tailwind CSS.
Dashboard written in Nuxt 3 & Tailwind CSS and secured with Auth0.
ML models created with NLTK & Keras on Python 3.
API written in Flask & PostgreSQL and deployed as a Docker container on
university-hosted Ubuntu virtual private server.

Blanco   *https://blanco.dantis.me*
Discord bot written in Python 3 that allows users to play back high-quality
music in a Discord voice channel. Written with Nextcord and deployed as a
Docker container on Google Cloud Compute Engine.

General Weighted Average (GWA) Calculator   *https://calc.dantis.me*
Web app that lets students quickly estimate their current class standing.
Written in Vue.js 2, made with Vuetify, and deployed on Netlify.

Playman   *https://playman.dantis.me*
Web app for managing your Spotify playlists, even while on the go.
Supports shuffling, merging, backups and more. Written in Vue.js 2, made
with Vuetify, and deployed on Netlify.