

JUAN CARLOS CRUZ

Junior Developer

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SUMMARY

As a team-oriented individual with a passion for building systems and understanding data science and analytics, I am excited to apply these skills as a data scientist. I hope to contribute to the company's mission by improving user experience, making data-driven design decisions, and providing strong soft skills to the company.

SKILLS

- Front-end & back-end web development
- UI/UX Testing & Evaluation
- Python, HTML/CSS, SQL (Postgres)
- Database planning and design
- Data Science and Analytics
- Source control via Git
- JS, Vue.js & popular Vue frameworks (Nuxt, Quasar)
- Microsoft Office and other Project Management tools
- Communication, adaptability, and a driven attitude

EDUCATION

University of the Philippines, Diliman

Bachelor's Degree in Industrial Engineering
2019 - 2022
Cum laude

University of the Philippines, Los Baños

Bachelor's Degree in Industrial Engineering
2017 - 2019
Laude standing

PROFESSIONAL EXPERIENCE

Junior Developer

MYCURE | April 2023 - December 2023

- Used Vue.js to make improvements in the Billing, Inventory, Medical Records, and other modules of the Clinic Management System
- Assisted in the improvements to internal and business-facing performance evaluation methods through better Sprint methodology and the creation of the Admin Dashboard via Metabase
- Contributed at least 20 feature implementations and bugfixes to the company's main product and helped close a company side project's first milestone

Full-stack Developer

UP National Engineering Center | June 2022 - December 2022

- Developed 8 modules and pages for an internal Budget Utilization DBMS using Python via the Dash Plotly framework
- Incorporated changes to both front-end (website) and back-end (database) using Python, SQL, and HTML/CSS.

Intern

Interactive Learning Center Diliman | February 2022 - July 2022

- Evaluated and provided suggestions on 5 prototype wire frame designs to be further developed for public use
- Provided voice-over for at least 20 training modules on how to use company-produced applications and systems for public use

CERTIFICATIONS

- **Datacamp** - Data Scientist Associate
(May 2023)

PROJECTS

- **Capstone Project** - Route Optimizer Application for Last-Mile Delivery
 - Front-end application for a capstone partner which uses Python packages to process a list of locations to return most optimal delivery route
 - Stack: Dash Plotly, Google Geocoder, MapQuest API
- **Personal Projects**
 - [Video Color Analyzer of Films](#)
 - Python program which analyzes videos of any length and returns the 5 most frequent colors visible in the video
 - Stack: OpenCV-Python, Pillow, and other pertinent Python
 - [r/phr4r webscraper](#)
 - Webscraper built in 2022 to analyze a specific subreddit to achieve pertinent demographic analysis and other observations
 - Stack: pRAW, Openpyxl

ORGANIZATIONS

- UP Data Science Society
- UP Industrial Engineering Club
- UP Junior Financial Association
- UP Debate Society