

Nicanor Jay B. Enguerra

A determined and hardworking software developer, with experience working in the airline industry as part of the maintenance team. Currently looking to resume my career after taking a deliberate break which has prepared me to take on new challenges. I am passionate about learning new technologies, and I am incredibly excited about the opportunities which lie ahead.

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Work Experience

Wiley Edge - Software Developer on-site at Amadeus

JAN 2022 - AUG 2022

- Worked as part of the Customer Management Maintenance Team in an agile framework (SAFe) to ensure that the technical design and product functionalities are delivered to the customer (airlines/airports) based on the solutions agreed upon with all stakeholders involved. Such areas include reservations, departure control systems, customer transfer processes, and the synchronisation of passenger data.
- Worked mainly with C++ & Python to apply a test/behaviour driven development process in order to implement new functionalities, fix any incidents, and write up both unit tests & regressions to monitor their status.
- Used SQL (Oracle) to implement new functionalities for stakeholders in a timely manner, and took responsibility in monitoring the associated loads to ensure no new issues were raised from feature activations.

University Of Nottingham - Sherwood Hall Welfare Coordinator

OCT 2019 - MAR 2020

- Reached out to external bodies to organise events which helped students combat stress.
- Took part in meetings with hall senior staff and fellow committee team to improve the experience for current students.
- Developed both written and verbal communication skills, as well organisation, emotional intelligence, and interpersonal skills.

Skills

Technologies

C++, Python, SQL, Java, HTML, CSS, Javascript

Tools

Git/Github, Windows, Linux, Visual Studio Code, Eclipse, Android Studio, Microsoft Office

Education

University Of Nottingham - BSc Computer Science (2:1)

SEP 2018 - JUN 2021

- Relevant courses : Software Engineering, Algorithms, Data Structures, Databases & Interfaces, Mobile App Development (Android), Fundamentals of AI, Systems & Architecture

Kensington Aldridge Academy (Sixth Form)

SEP 2016 - JUN 2018

- Further Mathematics, Mathematics, Physics, & Computer Science

St Thomas More RC Language College

SEP 2016 - JUN 2018

- 9 GCSEs, grade A*-B, including Maths(A) and English(AB)

Professional Development

Wiley Edge (formerly mthree) Training Program – C++

- Attended and completed a month-long C++ training course in preparation for my role at Wiley Edge.
- “mthree’s Alumni Program provides high calibre Technology and Business focused graduates globally. Alumni have been selected for and trained to have an aptitude for learning quickly and problem solving in a highly technical environment. Additional training focuses on relevant technologies, typical financial systems and core business knowledge. Following training they are available to undertake technical project work for mthree clients which include many global Investment, Retail and Commercial Banks around the world”

Codecademy & FreeCodeCamp

- Expanded my current knowledge on some languages, as well as learning new skills and technologies.
- Completed courses include: SQL, Java, Python3, React (Javascript)

Projects

Python Project – Chatbot

- Created a question-answering, natural language processing chatbot. The chatbot was able to retrieve answers with varying degrees of question input typos, as well as being able to automatically retrieve a user's name from an input string. This was done by classifying the user input as either conversational or question-answering, and then returning the appropriate response using similarity indexing with an existing dataset.
- Technologies used: Python, Natural Language Toolkit, PyCharm

Java Project – Credit Score Helper

- Worked in a small team to create a mobile android application to track consistency in habits, to potentially help those who are ‘credit invisible’ to increase their credit score ratings
- Technologies used: Java, Android Studio, GitHub, Firebase

Additional Information

In my free time I enjoy learning about new technologies, using tools such as Codecademy and FreeCodeCamp, with some of the most recent things I have learnt being Data Analytics with Python using Pandas, Matplotlib & Seaborn. I also enjoy designing and making paper crafts, such as dioramas with the scenes being anything from a scene from a piece of media I enjoy, to some of my favourite moments with close friends. During my first year of university, I picked up Archery, in which I have competed in multiple competitions; I have since taken a break, but I am currently looking to pick it back up as a hobby soon.