PAOLO MIGUEL BARRERA ATO

@ atopaolo@gmail.com   📞 +886-971-884-305   📍 Taipei, Taiwan   ⌂ github.com/PaoloAto

WORK EXPERIENCE

Quality Assurance Engineer @ Akads
Quality Assurance, Automation Testing, Cypress

📅 2021 – 2022   📍 Manila, Philippines

- Conducted in-depth testing on various use cases for a React.js-based front end web application. Developed robust testing scripts using Cypress to create an end-to-end testing framework for test automation of the website.
- Akads is a Philippine startup company which is focused on building an online tutoring platform.

Python Developer @ COMET-Nuworks Project
Python, Data Science, User Research

📅 2019   📍 Manila, Philippines

- Tasked in developing software using Python to interpret and present brain signals inputted from an an EEG device. Our goal was to understand how to model products that appeal to human emotions using the brain signals.
- Our team also performed user research to observe the participant so that we can better understand the correlation between the behavior of people and their brain signals

Automation Quality Assurance Tester @ Infor
Automation Testing, Selenium, Robot Framework, MySQL

📅 2019   📍 Manila, Philippines

- Improved software automation scripts using the automated testing framework, Selenium. Accomplished all weekly refractor tickets assigned in a timely manner and performed rigorous software regression testing.

PROJECTS

FireflyX: Designing Interactions for a Mobile Musical Learning Tool for Children
Mobile Development, Swift, HCI, User Research

📅 2019-2020   📍 Manila, Philippines

🔗 FireflyX

- As team leader for our undergraduate thesis project, we designed and developed a mobile application using Swift that helps children learn music in a playful manner.

Database System for Jul's Garments Enterprise
Web Development, Node.js, MongoDB, Heroku

📅 2018   📍 Manila, Philippines

- As the lead web developer on a team, I spearheaded developing an online database and database access system that allowed clients to manage assets. End result was very well received.

EDUCATION

M.S. Computer Science
National Taiwan University of Science and Technology (NTUST)

📅 2021 – 2022   📍 Taipei, Taiwan

M.S. Computer Science
De La Salle University (DLSU)

📅 2020 – 2022   📍 Manila, Philippines

B.S. Computer Science
De La Salle University (DLSU)
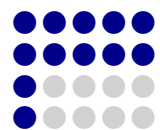
📅 2016 – 2020   📍 Manila, Philippines

SKILLS

- Python, Java, C, GitHub, LaTeX, Swift, Pytorch, Numpy, MySQL, MongoDB, Scrum/Agile
- HTML, CSS, JavaScript, Django, Node.js
- Selenium, Robot Framework, Cypress, Jenkins
- Friendly, Sociable, Team-player, Flexible, Adaptable, Hardworking, Self-motivated

EXTRA-CURRICULARS

- **Undergraduate Research Assistant**: DLSU (COMET) Center for Complexity and Emerging Technologies (2019-2020)
- **Masters Student Research Assistant**: NTUST Multimedia and Visual Computing Laboratory (2021-2022)

LANGUAGES

English   ●●●●●
Filipino   ●●●●●
Japanese   ●●○○○
Chinese   ●○○○○

SEMINARS ATTENDED

- **GitHub Workshop** (March 2018): De La Salle University - Manila, Philippines
- **Machine Learning Summer School 2021** (August 2021): Taipei, Taiwan

HOBBIES

- Sports, Hiking, Music, Computers, Learning languages, Astronomy, Photography, Reading

REFERENCES

References are available upon request