QUAN NGUYEN

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More about me: GitHub | Portfolio

EDUCATION

Arizona State University (ASU)   *Aug 2021 – May 2025 (Expected)*
Bachelor of Science in Computer Science
- **Related coursework:** Object-Oriented-Programming, Data Structures(Linear & Non-linear), Graphical User Interface, Database(Beginner).
- Enrolled as a full-time student.

TECHNICAL EXPERIENCE

- **Programming languages:** Python, Java, JavaScript, SQL
- **Experienced IDEs:** Pycharm, IntelliJ IDEA, VSCode, Eclipse, Sublime Text, MATLAB, Octave
- **Else:** Microsoft Office, Google G's Suite

PROJECTS & CERTIFICATES

2Unify Robotic Arms: *Sep 2022 – Present*
- Re-program a robotic arm from 2Unify for educational purposes using **Python** and **Raspberry Pi**

SQL Course from Sololearn: Certificate   *May 2022 – June 2022*
- Complete coursework as well as challenges using SQL

Python Programming from UST: Certificate   *Apr 2022 – Apr 2022*
- Complete a set of checkpoints in learning Python using Python and Visual Studio Code
- Complete with an accuracy of **92%**

PaintBox: GitHub   *Mar 2022 – Mar 2022*
- Build a shape-drawing tool within a specific pane using **Java** and **JavaFX** in IntelliJ IDEA.
- Give various options from color-choosing to shapes and stroke, and fill.

Master Project: Youtube   *Aug 2021 – Dec 2021*
- Build an auto-pilot LEGO EV3 robot to pick up and drop off a passenger at specific locations within a maze using MATLAB.
- Program and craft various types of sensors in order to communicate and adapt to the given environment.
- Using basic loops and conditions ($O(n^2)$) to **reduce 2 minutes** in completing the maze.

LEADERSHIP

VINASU   Tempe, AZ
Project Manager   *Sep 2021– Present*
- Supervise, and formulate events as well as update the number of participants.
- Oversee the club's budget, generate event dates, and interact with members.
- Raise the club's number of members by **31%** and event's frequency by **17%** in the same semester

Global Ambassador Club   Chandler, AZ
Co-founder   *Sep 2020 – May 2021*
- Co-founded the club under the supervision of Mike Short from UTP.
- Host events, shows, and group studies to enhance the understanding of different cultures.
- Set up meetings between the ambassadors and the new international students to discuss and solve problems.