Trinh Ba Duc

baduc1602.github.io

📞 *081 347 9990*
✉ *baduc160299@gmail.com*
🔘 *github.com/baduc1602*
in *linkedin.com/in/duc-ba*

EDUCATION

University of Science and Technology (HUST)   *From 09/2017 to 08/2022*

- *Major:* Mechatronics Engineering.
- *Qualification:* Engineer.
- *Relevant courses*: Advanced Programming, Microprocessors and Assembly, Algorithms and Problems for Engineers, Introduction to Computer Science.
- *Other courses:* Object Oriented Programming in Java (edX), Data Structure and Algorithm (Mosh Hamedani), Build Website with Flask Python (Talent5).

HNUE High School (Chuyen Su Pham)   *From 09/2014 to 05/2017*

- *Major:* Information and Technology.
- *Degree:* Excellent.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript, HTML5, CSS.
- **Frameworks / Platforms:** jQuery, Bootstrap, Flask.
- **Version Control:** Git, Github.
- **IDE:** PyCharm, IntelliJ IDEA, Atom, Visual Studio Code, Visual Studio, Android Studio.

AWARDS

CODELEARN Code Challenge: 15th place (out of 32 participants).

PERSONAL PROJECTS

🔘**/ Bói Toán,** *Web application*
- **Project Description:** A website predicted whether a man is a suitable match with a woman or not by fun fortune telling based on Chinese five elements.
- **Task:** Created web API using Flask.
  Rendered front-end display of HTML and JavaScript by Flask.
- **Technologies:** HTML, JavaScript, Flask, Python.

🔘**/ ToDo List,** *Android App*
- **Project Description**: This is an android app that allows building a to-do list and basic to-do items management functionality including adding new items, editing and deleting an existing item.
- **Task:** Constructed view layouts, rendered list of items, and implemented app functionalities using Android Studio.
- **Technologies:** Android Studio.

/ Connect Four, *Web Game Application*
- **Project Description:** A web game simulates a board game, Connect Four, that can be played locally on a single screen by two players.
- **Task:** Built front-end with HTML, Bootstrap and jQuery.
  Created gameplay using JavaScript.
- **Technologies:** HTML, CSS, Bootstrap, jQuery, JavaScript.

WORK EXPERIENCE

BrickOne Technology Academy   *From 05/2020 to 11/2020*
Tinkercad 3D design and Scratch coding Teacher

- Taught 3D model design with Tinkercad and coding with Scratch for more than 50 students from 6 - 15 years old.
- Designed detailed lesson plan before each class.

EXTRACURRICULAR ACTIVITIES

MIND ATLASTING 2018 Season 1   From 06/2018 to 07/2018
A project of Aiesec FTU
- Led a project team to make a documentary film about sexual harassment.
- Wrote script for the film and ensured the high quality of the content.
- Raised public awareness about sexual harassment.

GLOBAL PASSPORT WINTER 2017   From 11/2017 to 12/2017
A project of Aiesec FTU

- Led a project team to make a 20-minute play about Vietnamese's culture.
- Promoted Vietnamese traditional cultural values to foreign students.
- Directed a short film about the University life.

GIFTED CUP (CSP SPORTING FEDERATION CLUB)   From 06/2016 to 07/2016
A city-level Football League for Gifted students in Ha Noi

- Attracted 400 gifted students from 6 high schools in Ha Noi.
- In charge of public relations, content plan, schedule arrangement for 38 matches.
- Established rules for the league.