083 942 3795
Hoang Mai, Ha Noi
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Bui Duc Toan
Backend Developer

github.com/toan207
linkedin.com/in/toanbd1

I have a lot of love for technology so this is why i chose computer science. My passion is research in algorithm, I give my whole heart to the algorithm because I'm curious how a function works and what it takes to make it so. I have reserved a year of study at a university in Hanoi to go to Saigon to participate in an algorithm course and have some small achievements. And now I'm a backed developer because I feel here I can use my algorithms to solve assigned problems and it makes me happy. I hope I can develop more about new technologies and research new algorithms in the future.

EDUCATION

Bachelor of Computer Science, *Thang Long University*   Jul 2022

SKILLS

Tools and Languages	Python, Java, NodeJS, JS, C++, Git, MarkDown, Prisma, Ansible
Quantitative Research	Competitive Algorithm, Math for Machine Learning, SQL, MongoDB, R
Communication	English (reading and writing)

TECHNICAL EXPERIENCE

BACKEND DEVELOPER / FARALAND   Apr 2022 — Present
Moon Knight Labs   *Thanh Xuan, Ha Noi*
- Optimize finding path from bots to user's hero that is closest to the bot's team with highest point on map (BFS Algorithm).
- Optimize mark points on the map for BFS Algorithm for each case.
- Optimize battle tactics for bots when needing to buff or use skills or normal attacks.
- Script to deploy code to Ubuntu server with Ansible.
- Develop skills in the game and return data to client.
- Get the script from Game Design and develop game features according to the script.

BACKEND DEVELOPER / CLOUDBASE.VN   Nov 2021 — Present
iDS   *Thanh Xuan, Ha Noi*
- Work with firewall (Palo alto) and Vcenter, Vrops for virtual machine provisioning.
- Take on the company's self-led direct software development assignment.
- Analysis and design algorithms for assigned requirements.
- Optimize the functions on the system.
- Write API description documentation.
- Report and present functions to the leadership.

BACKEND DEVELOPER / NHATKYMEBAU.VN   Oct 2021 — Mar 2022
Great Project   *Hoang Mai, Ha Noi*
- Publish code to server (VPS).
- Provide API to Front-end.
- Analysis and design algorithms for assigned requirements.
- Analysis and design database model.

TEACHING ASSISTANT / ANALYSIS AND DESIGN ALGORITHM CLASS   Jan 2021 — Mar 2022
Thang Long University   *Hoang Mai, Ha Noi*
- Teaching support for students in class.
- Making homework to students.
- Create exam questions for students.
- Correcting homework at the beginning of class.

DISTRIBUTE DATA WIT SQL SERVER
Personal Project
- Distribute data across site by scenario with BEA algorithm.

CRAWL DATA AT E-COMMERCE WEBSITE WITH PYTHON
Personal Project
- Crawl data at Shopee, Ebay, Amazon with Python.

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ACTIVITIES

Join the ICPC team at Thang Long University.	2018
Winning a consolation prize in the National Informatics Olympiad 2019.	2019
Complete Data Analyst Course At S-Lab With The Highest Score Of Course	2019
Complete Green Algorithm Course At BigO-Coding	2020
Complete Bluee Algorithm Course At BigO-Coding	2020
Complete Orange Algorithm Course At BigO-Coding	2020
Complete Competitive Programming Level 01 Course At BigO-Coding	2021
Complete Competitive Programming Level 02 Course At BigO-Coding	2021
Complete Competitive Programming Level 03 Course At BigO-Coding	2021
Complete Competitive Programming Level 04 Course At BigO-Coding	2021