Luong Doan

https://luongd.xyz/

Email : doannguyenthanhluong@gmail.com
Mobile : +65-8624-3398

EMPLOYMENT

- **Shopee** — Singapore
  Backend Software Engineer — *June. 2022 - Present*
  - Processing marketplace orders.
  - Languages/Technologies used: Golang, Python, Django, Redis, MySQL, Docker, Linux shell, Google API, Amazon S3.

- **VinAI Research** — Hanoi, Vietnam
  AI Engineer Resident — *Winter 2020*
  - Worked on developing a natural language understanding system.
  - Audited data and wrote evaluation scripts.
  - Languages used: Python.

- **Cinnamon AI** — HCMC, Vietnam
  AI Researcher Intern — *June. 2019 - Aug. 2019*
  - Worked on developing a Named-entity recognition model that can tag Japanese words in a text line with their corresponding type. The precision of the model was improved from 75% to 92% by using zero LSTM initial state and 99% by using non-zero LSTM initial state.
  - Languages/Technologies used: Python, Pytorch, Tensorflow.

EDUCATION

- **Ulsan National Institute of Science and Technology** — Ulsan, South Korea
  Bachelor of Computer Science and Mathematical Science — *2017 - 2022*
  - Global Uni-Star Scholarship with full tuition support.
  - Current GPA: 89.20/100

HONORS AND AWARDS

- **22nd/135 place in the 2018 ACM ICPC Asia Seoul Regional Programming Contest** — 2018
  - Competed in a team of three to solve 10-12 algorithmic problems in five hours contest using C/C++/Java.

- **Second prize in Vietnamese National Olympiad in Informatics in 2015** — 2015
  - An annual programming contest held by the Ministry of Education and Training for Vietnamese high-school students. This is the preliminary contest for choosing representatives for the International Olympiad in Informatics (IOI).

- **First prize in National Informatics Competition for Youth** — 2014
  - 1st place in the hardware programming subcontest.

PROJECTS

- **LQD Online Judge** — 2020
  - An online system for hosting programming contests based on the DMOJ open-source platform. LQD Online Judge also provides messaging service that allow the community on sharing ideas and discussing approaches to solve coding questions.
  - Languages/Technologies used: Python, Django framework, jQuery, MariaDB.

ACTIVITIES

- **Admin and problem setter at Le Quy Don's online judge** — 2018 - 2020
  - Manage over 3000 users of the platform and contribute data structures & algorithm problems for online contests.

- **Problem setter at Ho Chi Minh University of Technology** — 2016 - 2017
  - Create problemsets for BKIT Contest and Hau Due Pascal Contest, which are well-known annual programming contests of this university.