

Luong Doan

<https://luongd.xyz/>

Email : doannguyenthanhluong@gmail.com

Mobile : +82-10-2003-8905

EMPLOYMENT

- **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.
 - Implemented data augmentation algorithms to automatically add noise to the dataset.
 - Languages/Technologies used: Python, Pytorch, Tensorflow.

EDUCATION

- **Ulsan National Institute of Science and Technology** Ulsan, South Korea
Bachelor of Computer Science and Mathematical Science *Aug 2017 - June 2021*
 - 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 the 2016 ACM ICPC Vietnam National Programming Contest** 2016
 - Got 19th place out of 166 participated teams.
- **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).

PROJECTS

- **Hanh Trinh Magellan Season 2 platform** 2019
 - Developed a web platform for the contest “Hanh Trinh Magellan” that helps the moderator add, edit and show the questions in several styles (text, audio, video, crosswords, gomoku board); it also helps the contestants send their answers and AJAX requests (request answer permission, request to double their score) to the moderator.
 - Languages/Technologies used: Python, Javascript, HTML, CSS, Django framework, jQuery, Bootstrap.
- **ThemisRanking** 2016
 - Developed a tool that automatically generate a web-based scoreboard from the grading result of the [Themis judge](#).
 - Languages/Technologies used: PHP, HTML, CSS.

ACTIVITIES

- **Admin and problem setter at [Le Quy Don's online judge](#)** 2018 - 2019
 - Manage over 1000 users of the platform.
 - Contribute data structures & algorithm problems for online contests.
- **Algorithms tutor for National Olympiad team** 2017 - 2018
 - Taught data structures & algorithms for 12 members of the talented teams preparing for the Vietnamese National Olympiad in Informatics at Nguyen Binh Khiem High School for the Gifted and Le Quy Don High School for the Gifted.
- **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.