

# Resume

## Personal Information

Name: Trinh Hoang-Trieu

Year of birth: 1995

Email: [thtrieu@apcs.vn](mailto:thtrieu@apcs.vn)

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## Education

2013 – present: Vietnam National University - Ho Chi Minh University of Science  
Faculty of Information Technology (FIT)  
Advanced Program in Computer Science (APCS)

## Top Skills

Machine Learning, Deep Learning, Python, Tensorflow, R.

## Experience

May 2016 - present: Research Intern  
Misfit Wearables Office of Research and Development in Vietnam  
Applying Deep Learning on Computer Vision: Object Detection

January – March 2016: Research Intern  
Japan Advanced Institute of Science and Technology – Nomi, Ishikawa  
Project: Deep Learning for Question Classification (Python)  
[open-sourced repository](#), [project presentation](#), [project report](#)  
Supervisor: Professor Nguyen Le Minh

June – September 2015: Research Intern  
Ecole Polytechnique de Montreal – Quebec, Canada  
Project: Educational Data Synthesizing R Package (R)  
On-going, [open-sourced repository](#), [package vignette](#)  
Supervisor: Professor Michel Desmarais

## Projects

- 2016: Time manager (Python)  
Automatically retrieve and parse deadlines from moodle, manage todos, send reminders, communicate through Gmail API. On-going, [open-sourced repository](#)
- 2016: Designing the Last Layer of Deep Networks (Python)  
Replace the normal fully-connected layer by different linear classifiers. On-going, [open-sourced repository](#)
- 2016: Opportunities for Vietnamese students (team project)  
Role: scraping and parsing Facebook fan page posts using Graph API (Python).  
On-going, [open-sourced repository](#)
- 2014: Influence of Training Set Size on Generalization of Neural Networks (MATLAB).  
Running classical neural networks on different portions of MNIST dataset,  
[Open-sourced repository](#)

## **Certifications**

- 2015: Exploratory Data Analysis  
Coursera Verified License [GHAY8ZY3RM](#)
- 2015: Developing Data Products  
Coursera Verified License [PJ5NTLTJDN](#)
- 2014: Statistics for Research - summer course at VNU-HCMUS  
Issued by Professor Erik V. Nordheim - University of Wisconsin

## **Honor and Awards**

- 2016: Japan Student Services Organization (JASSO) Scholarship  
2015: American Chamber of Commerce (Amcham) in Vietnam Scholarship  
2015: Mitacs Globalink Research Scholarship  
2014: APCS's Full Scholarship for First Ranked Student  
2013: University Entrance Valedictorian's Scholarship  
2012: Bronze medal – Southern Vietnam Mathematics Olympiad  
2008: First prize – provincial competition of Computer Science  
Honorable Mentions – national competition

## **Volunteer**

- 2015: Vietnamese Delegate - International Student Festival in Trondheim, Norway  
2015: Selected Participant at The International Student Week in Ilmenau, Germany  
March - June 2015: Community Outreach Recruiter at Anti-Corruption International  
2013 - present: TED talks translator

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