270 Hoang Dieu, Da Nang, Vietnam

BAO TRUONG

tmbao.1995@gmail.com

EMPLOYMENT

Software Engineer, Intern   **Google, Inc**   **Summer 2016**

Garage - Content Management
- Mainly worked on developing a filter that can automatically detect bad content.
- Implemented a filter using regular expression that achieved the precision of 90%.
- Implemented a filter using machine learning algorithm that achieved the precision of 98%.
- Languages/Technologies used: C++, Java, Python, RPC, Google protobuf, Tensorflow, DistBelief.

EDUCATION

Ho Chi Minh City, Vietnam   **VNUHCM - University of Science**   **Oct 2013 – Oct 2017**

- Currently pursuing B.S.E. in Computer Science, Overall GPA: 3.77/4.0.
- Courses taken: Calculus, Linear Algebra, Applied Statistic, Information Retrieval, Object-oriented Programming, Programming Languages & Compiler Design, Operating System, Software Engineering, Computer Vision, Number Theory.

PROJECTS AND WORK EXPERIENCE

- [VNOI Forum](#) (2015): Mainly worked on implementing a module that helps VNOI communicate (via GET and POST) with SPOJ which is an online judge.
  Languages/Technologies used: Python, Django framework, MySQL.
- [Image Retrieval Server](#) (2015): Applied Perdoch's implementation of Hessian-affine feature extractor and Geometric Verification to create an image retrieval system. Created a web server that provides the retrieval system as a RESTful API.
  Languages/Technologies used: C++, OpenCV, FLANN, Python, Django REST framework, PostgreSQL.
- [Word Battle](#) (2015): Developed a 2D puzzle game that supports AI, online multiplayer.
  Languages/Technologies used: C#, XNA framework.
- CJudge (2011): Developed a tool that helps teacher automatically mark students' solution in programming contests based on given datasets.
  Languages/Technologies used: C#, .Net framework.

LANGUAGES AND TECHNOLOGIES

- Proficient in C/C++, Java. Others: Python, C#, MATLAB
- Django framework, OpenCV, Boost, Tensorflow

HONORS AND AWARDS

- First prize in the ACM/ICPC Asia Regional Programming Contest in 2015 and qualified to the ACM/ICPC World Finals 2016.
- First prizes in the ACM/ICPC Vietnam National Programming Contests in 2014 and 2015.
- Second prizes in the Vietnam Olympiad in Informatics in 2012 and 2013.
- Ranked 5th and 8th in VNOI Marathon 2012 and 2013, respectively.
- Bronze prize in Vietnam Olympiad in Informatics for University in 2014.
- Silver medal in The 30/4 Olympiad in Informatics 2012.

PUBLICATIONS

- "Personalized Annotations for Photos with Visual Instance Search", in Human-Computer Interaction International 2016.
- "SHREC'16 Track: Partial Shape Queries for 3D Object Retrieval", in Eurographics Workshop on 3D Object Retrieval 2016.