# Nguyen Thanh Trung

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### EXPERIENCE

# Google

Sep. 2016 – Present

- Software Engineer
  - Working on Tez mobile payment application targeted at Indian users.
  - Developing administration dashboards which combine and translate data from various backends into meaningful data points for Tez customer support, risk and compliance operators.
  - Developing streaming batch jobs for processing over 3,000 log events per second and collect relevant data into Bigtable.
  - Problem setting and co-ordinating problem setters' discussion for Google Codejam Kickstart.
  - Language/Technology: Java, Go, protobuf, Spanner, Bigtable, Flume.

### Garena

Nov. 2015 - Sep. 2016

- Software Engineer
  - Implemented payment and logistic system for Shopee mobile application for online shopping.
  - Managed task queues for syncing 300,000 daily shipments' status with third-party logistics partners in Vietnam and Thailand.
  - Language/Technology: Python, Django, Javascript.

# PayPal

Jun. 2014 – Nov. 2015

- Software Engineer
  - Implemented partner onboarding flow allow users to create PayPal accounts on various partner applications.
  - Language/Technology: Java, Node.js.

### ACHIEVEMENTS & AWARDS

# • Ranked 15th in Facebook Hackercup

2016

Competed individually to solve algorithmic problems in 2-3 hours. The contest is organized annually by Facebook with around 10,000 competitors. Ranked 15th in World Final round.

#### • Ranked 15th in ACM ICPC World Final

2016

- o Competed in a team of three to solve 10-12 algorithmic problems in five hours contest using C++ / Java.
- Highest place amongst all Vietnamese teams participated in ACM ICPC.

# • ACM ICPC Regional Champion

2015

- o Champion of Jakarta ACM ICPC Regional 2015 and 3rd place in Singapore ACM ICPC Regional 2015.
- Top 150 in Google Code Jam

2013, 2014, 2015

• Competed individually to solve 4 algorithmic problems in 2.5 hours. The contest is organized annually by Google with over 10,000 competitors. Placed 93rd in 2013, 126th in 2014 and 121st in 2015.

### • Ranked 17th in ACM ICPC World Final

2012

#### ACTIVITIES

## • Administrator, Contest Manager at vnoi.info

Jun. 2010 – Present

- Leading a team of 5–10 people in creating problemsets, managing contest platform and raising funds for yearly programming competitions with over 250 participants.
- Managing VNOI Facebook group for algorithmic discussions with 8,000 members.

# • Coach for National Olympiad team

Jun. 2010 – Aug. 2013

 Taught programming and algorithms to a group of 20 high school students preparing for Vietnamese National Olympiads in Informatics.

### **EDUCATION**

### Nanyang Technological University

Aug. 2010 – May. 2014

Bachelor of Computer Science: GPA: 4.84/5.0