

78/10/10, Khanh Hoi St, District 4, Ho Chi Minh City, Vietnam  
+84 365082508  
ntloi95@gmail.com  
www.linkedin.com/in/nguyenthanhloi

## LOI NGUYEN

Software Engineer, Backend Applications



### EDUCATION

Ho Chi Minh City, Vietnam VNU-HCM, University of Science Sep 2013 – Sep 2017

- Bachelor of Science in Information Technology, **Honor Program**.
- GPA: 8.29/10.0
- Degree: very good.



### HONORS & AWARDS

- **Google** CodeJam round 1, **Facebook** Hacker Cup round 2. 2018
- **Champion prize** Thach Thuc, Faculty of Information Technology, HCMUS. 2017
- **Second prize** A.I. Symptom Checker for Digital Health Contest, US Consulate in Vietnam. 2016
- **Third prize** in the **ACM-ICPC** Vietnam Southern Provincial. 2016
- **Twelfth place** in the **ACM-ICPC** Vietnam Southern Provincial. 2015
- **Champion prize** AFS, Faculty of Math & Computer Science, HCMUS. 2015
- **Consolation prize** in the Math on Calculator Contest, Tien Giang Province, Vietnam. 2013
- **Codeforces** contest rating: Expert, 1668.



### SKILLS

#### 1. KNOWLEDGE & CONCEPT

- Competitive programming: data structure and algorithm (ACM/ICPC).
- Networking: TCP/UDP, HTTP, restful API, load balancing.
- OS: background job, message queue, concurrency control, cache.
- Database: transaction, indexing, query optimization.
- Other: gitflow, microservices architecture, design pattern, OOP, CI/CD

#### 2. LANGUAGE & FRAMEWORK

- **Ruby**: Ruby on Rails (1.5 year exp, fulltime).
- **C/C++** (5 years exp, includes university time, use everyday on Codeforces).
- **JavaScript**: Node.js
- **Go**
- **Front-end**: HTML, CSS, Bootstrap, jQuery
- **Database**: MongoDB, PostgreSQL, MS SQL
- **Other**: Docker, Kubernetes, AWS



### WORK EXPERIENCES

- **VNU-HCM University of Science**, Graduation thesis, Try-on Glasses 3D. 2016 – 2017
  - Build application with 3D object processing: try-on 3D glasses on 3D face model.
  - Thesis result: 9.5/10.
- **VNG Corporation**, Software Engineer iOS Application, Internship. June – Sep 2016
  - Research videos processing for Zalo, biggest OTA messenger application in Vietnam.
- **Misfit Wearables**, Software Engineer Backend Applications, Fulltime. 2017 – 2018
  - Build internal, admin websites: dashboard, recruitment website, mini game event.
  - Build microservice API for mobile application, high availability with million users.



### CERTIFICATIONS

- **IELTS**: Reading 6.0, Listening 6.0, Speaking 5.5, Writing 5.0, Overall: 5.5 2017
- **Microsoft Office Specialist**, verify.certipoint.com with code: RzH3-FV7w 2016