

Long Le

12600 SW Crescent St., Beaverton, OR 97005

☎ (971) 222-5631 | ✉ long.luiiz96@gmail.com | 🏠 cs.pdx.edu/long7 | 📧 LongLeonardoLe | 🌐 longntle

Summary

I am passionate, curious about new technology, and hungry for knowledge. I am particularly interested in work related to Machine Learning and Security.

Skills

Programming	Python, Java, Shell, MySQL, C, C++, \LaTeX
Operating Systems:	Linux, Windows
Software	Visual Studio, GDB, PyCharm
Languages	Vietnamese (native), English (professional), Japanese (beginner)

Projects

SPECTate

2018 - present

- Analyzed source codes given by the sponsor for insight understanding
- Cooperated with the requirement team to refine and complete project documentations
- Designed story boards and contributed for the GUI development of the project in Python
- Collaborated with Agile team through peer and mentor code review for testable, maintainable, and quality-focused code

Secured Internet Relay Chat

2017

- Pair-developed IRC client and server using socket and multi-thread programming in Java
- Implemented rooms management, conversations, file transfer, private chat rooms, and secured messages
- Wrote the document for functions of the IRC in RFC-style

XV6 Operating System

2017

- Implemented new system calls, user commands, and file system protection for better usability of the OS using C
- Improved the scheduling process of the OS in term of fairness

Matching Algorithm in Ridesharing Problem

2016

- Researched related works and algorithms regarding path finding and matching problems
- Implemented the graph structure for conducted experiments in C++
- Cooperated with teammates and conducted experiments based on Dijkstras, Floyd-Marshall, and Hungarian algorithms with different input settings
- Collected notes from teammates, refined, and completed the final paper which can be found on:
<http://web.cecs.pdx.edu/long7/public/malgorithms.pdf>

Education

Portland State University

Portland, OR, USA

B.S. in Computer Science

09/2016 - 06/2018

- GPA: 3.54
- Elective courses: Computer Security, Machine Learning, Malware, Internetworking Protocols, Database Systems

Ho Chi Minh City University of Science

Ho Chi Minh City, Vietnam

B.S in Computer Science

10/2014 - 08/2016

- GPA: 3.62
- Advanced Programs in Computer Science

Experience

Board Game Leader

Ho Chi Minh City, Vietnam

Board Game Station

01/2016 - 05/2016

- Guided customers whom are new to board games.
- Built the swipe list view of products for the mobile version of the website <http://www.saigonboardgame.com/>

Tutor

Ho Chi Minh City, Vietnam

Self-employ

02/2015 - 06/2015

- Tutored the student with lesson plans to keep up with the state curriculum in Physics.

Awards & Activities

2016	Portland State University - Vietnam Scholars Program Award , Portland State University	Portland, OR, USA
2015	ITUS DOTA 2 Championship Tournament , Ho Chi Minh City University of Science	Ho Chi Minh City, Vietnam
2014 - 2016	Advanced Program in Computer Science , Vietnam National University	Ho Chi Minh City, Vietnam