Hsiang-Jui (Jerry) Lin

Read the résumé in <u>PDF</u> (http://wtf.csie.org/resume/resume.pdf), <u>HTML</u> (http://wtf.csie.org/resume/resume.html), or <u>AsciiDoc source code</u> (http://wtf.csie.org/resume/resume.adoc).

Personal Information

• Name: 林祥瑞, Hsiang-Jui Lin (formal), or Jerry Lin (informal)

• **Phone**: +866 933 652 112

• Mail: jerry73204@{gmail.com, hotmail.com, 163.com, yahoo.com.tw}

• Facebook: profile (https://www.facebook.com/xiangrui.lin)

• LinkedIn: profile (https://www.linkedin.com/in/jerry-lin-97733463)

• Military service: completed in 2017



Education

Bachelor's degree (2012 - 2016)

- School: National Taiwan University (NTU), Taipei, Taiwan (R.O.C.)
- Major Computer science and information engineering

Master's degree (2017 - present)

- School National Taiwan University (NTU), Taipei, Taiwan (R.O.C.)
- Major: Computer science and information engineering
- **Status**: currently a student in <u>NEWSLAB</u> (http://newslabx.csie.ntu.edu.tw/), under instructor <u>施</u> 吉昇 (https://drchishengshihswebsite.wordpress.com/)
- Notice: Enrollment is finished in 2016. The studies starts in 2017 due to military service.

Honors & Awards

Second place in *104 年金盾獎* (2015)

• Reference: 行政院國家資通安全會報

(https://www.nicst.ey.gov.tw/News_Content4.aspx?n=11EC3BA2351F93AA&sms=4D833E26864BB926&s=60F37FB45AC653BD)

潛力無窮獎 in 103 年金盾獎(2014)

• **Reference**: Web archive for official site

(https://web.archive.org/web/20140321005458/http://security.cisanet.org.tw:80/?i=3&mc=302)

Experience

CAVEDU (2010 - present)

- Position: part-time engineer, book author
- Works: AppInventor project, The book for LeJOS
- Place: Wanhua, Taipei City (臺北市萬華)

Institute for the Blind of Taiwan aka. 臺灣盲人重建院 (2016 - 2017)

- Position: 1-year substitute military service
- Works: general affairs, network and equipment management
- **Place**: Xinzhuang, New Taipei City (新北市新莊)

Teacher assistant for system programming class in NTU (2017 fall)

- Position: a paid teacher assistant
- Works: System programming is a required course in CS department of NTU.
- Place: Da'an, Taipei City (臺北市大安)
- **Reference**: Official site (https://systemprogrammingatntu.github.io/)

Publications & Contributions

MIT Applnventor project (2016 - 2018)

- <u>Pull request</u> (https://github.com/mit-cml/appinventor-sources/pull/729) for LEGO EV3 support
- <u>Pull request</u> (https://github.com/mit-cml/appinventor-extensions/pull/12) for MediaTek MT7697 support

Undergraduate study on graph theory (2016)

• The study focuses on total and paired domination problems on distance-hereditary graph.

We discovered an alternative optimal solution to total domination based on split decomposition.

• You may refer to the <u>handout</u> (https://drive.google.com/file/d/18H1fvSZ7td3vArSJaeoTKkLjJ-DqApaP/view?usp=sharing).

Book author of 機器人程式設計與實作:使用 Java (2013)

• ISBN: <u>9789862768228</u> (http://isbn.ncl.edu.tw/NCL_ISBNNet /main_DisplayRecord.php?PHPSESSID=c8kchinqo5ncq873i47c4sqkb0&Pact=Display&Pstart=1)

• A book introduces <u>leJOS</u> (http://www.lejos.org/) framework on LEGO NXT robots.

Contributor of Chinese Wikipedia (2010 - present)

• <u>User page</u> (https://zh.wikipedia.org/wiki/User:Jerry73204) on Wikipedia

Ability & Skills

C/C++

You may check my submissions on Codeforces (http://codeforces.com/submissions/jerry73204).

Java

I'm the book author of 機器人程式設計與實作:使用 Java, a Java based project.

Linux hosting & shell script

I host an Arch Linux server and BIND server for domain wtf.csie.org (no websites available).

Linux System programming

I was a TA for system programming course.

Web languages (HTML, CSS, JavaScript), Markdown, AsciiDoc, and other markup languages

This résumé is written in AsciiDoc.

Some ARM and x86 assembly

This is a required skill for 金盾獎 contest.