

# Ng Xin Ler

• **Phone Number:** (+65)9329-0861 • **Email Address:** [sherlyn.xinler@gmail.com](mailto:sherlyn.xinler@gmail.com)



## EDUCATION

### National University of Singapore

Aug 16 – Present

- Pursuing a Bachelor of Computing (Honours) in Computer Science
- Prospective Focus Areas: Computer Graphics and Games, Software Engineering
- Dean's List for Academic Year 2017/2018 Semester 1
- Cumulative Average Point: 4.71/5.0 (First Class Honours)
- Expected Date of Graduation: May 20

## INTERNSHIP EXPERIENCE

### Two App Studio Pte. Ltd.

14 May 18 – 3 Aug 18

- Worked for 3 months as an **Android and Web developer** for JotterPad Android and JotterPad desktop on macOS.
- Created new features for JotterPad Android using **Android Studio**
  - ❖ Importing FDX and RTF files and converting them to Fountain and Markdown syntax
  - ❖ Created new syntax -- dual element syntax, which allows scriptwriters to format scenes that happen concurrently
- Created a prototype for JotterPad desktop on macOS using **XCode**

## PROGRAMMING EXPERIENCE/PROJECTS

### What's Up!

May 17 – Aug 17

#### Mobile Game Application

- Developed an Android mobile game as part of NUS Orbital 2017, an independent software development project taking place over the summer break.
- A single/multiplayer game adapted from 'Seven-Up' team game, with 5 difficulty levels and 3 multiplayer modes.
- Written in **Java**, using **Android Studio** and **Android API**. Used **Firebase** for backend and real-time multiplayer game synchronization.
- Worked in a team of 2, as a full stack developer.

### Itadakimasu~

Jan 18

#### Telegram Bot

- Participated in a 24-hour hackathon, Hack n' Roll 2018, organized by NUS Hackers'.
- Developed a Random Food Generator, where users can input the name of a canteen in NUS and the bot will reply with a random meal recommendation.
- Written in **Java**, using **Telegram API**.
- Worked in a team of 2, focusing more on backend.

### Teeny Tiny

Feb 18 – Apr 18

#### Multiplayer 3D Action Platformer on PC

- A multiplayer competitive scavenger hunt game, developing using **Unreal Engine 4**, in team of 6 members.
- Players are placed in a scaled-up environment and would need to balance between finding for items and hindering their opponents to win the game.
- Worked on scoring system, including item depositing at designated areas and scoreboard.

### STUtor

Feb 18 – Apr 18

#### Desktop Application

- Modified an Address Book application, as part of CS2103T Software Engineering module, into a desktop application tailored for tuition coordinators to easily match and manage a database of tutors and students.
- Written in **Java** and working in team of 4 members.
- Worked on Remark, Rating and Autofill features in STUtor.

## SKILLS/ACHIEVEMENTS

- **Code:** Java, C, HTML, CSS3, JavaScript, jQuery, jsoup, Bootstrap, Unreal Engine 4, OpenGL
- **Design:** Basic in Adobe Photoshop, Adobe Premiere Pro
- **Wireframe:** Balsamiq Mockups
- **Platform:** Firebase, Android Studio, Xcode
- **Tools:** Gradle, Maven, Travis CI
- **Music:** LMMS, Audacity
- **Language:** Fluent in English and Mandarin; Basic Japanese (Japanese-Language Proficiency Test – N4)

- Won First Prize for the 6<sup>th</sup> Chinese-Bridge Chinese Proficiency Competition in Singapore in 2013. Represented Singapore and won 3<sup>rd</sup> Group Prize in Yunnan, China at the International level.
- Won the Silver Award in the 15<sup>th</sup> Singapore Science and Engineering Fair, in a team of 3 members.
- Won 2<sup>nd</sup> Prize for the National Chinese Music Competition, Zhongruan Open Category in 2012.
- Straight Distinctions (from Primary to Grade 8, Intermediate Foundation, Intermediate) for Classical Ballet Examinations organized by the Royal Academy of Dance.

## LEADERSHIP EXPERIENCE

### Dunman High School Chinese Orchestra

Jan 12 – Dec 15

#### *Executive Committee Member*

- Junior High – Vice-chairperson
- Senior High – Treasurer
- Overseas Learning Journey – Vice Team Leader

## REFERENCES

### Two App Studio Pte. Ltd.

- Report: [https://drive.google.com/file/d/1KeW2Ee4a6HeVMWqDFYSYnE5SwY4sal\\_x/view?usp=sharing](https://drive.google.com/file/d/1KeW2Ee4a6HeVMWqDFYSYnE5SwY4sal_x/view?usp=sharing)

### What's Up!

- README: <https://drive.google.com/file/d/1mgq-pUCS5xTMZzlRcq4y0oUm4sOYE0gm/view?usp=sharing>
- Video: <https://drive.google.com/file/d/1L7x9tOfMqbl33VZDWF9fpu5lF2cjEQSk/view>

### Itadakimasu~

- README: <https://devpost.com/software/itadakimasu>

### Teeny Tiny

- Poster & Video: <http://isteps.comp.nus.edu.sg/event/12th-steps/module/CS3247/project/6>

### STUtor

- GitHub Repo: <https://github.com/CS2103JAN2018-W11-B1/main>