

# BOFEI WANG

Penultimate year UNSW Computer Science student  
Proficient in Object Oriented Programming (C++ and Java)  
Happy to communicate and interact with non-engineers

## EDUCATION

- Expected  
Dec 2020  
|  
Feb 2019
- **University of New South Wales**  
Distinction average  
Wrote some helpful uni assignments test shell scripts, endorsed by lecturer  
• COMP6771 *Advanced C++ Programming* Ongoing  
• COMP3121 *Algorithms and Programming Tech* Correctness and efficiency of algorithms  
• COMP1531 *Software Eng Fundamentals* High distinction. Agile methodology, Git  
📍 Sydney, Australia
- Dec 2018  
|  
Feb 2018
- **University of Melbourne**  
First Class Honours. Skipped introductory courses. Transferred to UNSW  
📍 Melbourne, Australia  
• COMP20003 *Algorithms and Data Structures* High distinction. Commonly used algorithms  
• SWEN20003 *Object Oriented Software Development* High distinction. Java, Slick2D. OO Design  
• INFO20003 *Database Systems* Distinction. MySQL.  
• COMP20008 *Elements of Data Processing* Distinction. Pandas, Matplotlib, Numpy
- 2017  
|  
2015
- **Peninsula Grammar + NO.1 Middle School of Heze**  
ATAR: 93.85.  
📍 Heze, China  
• Developed games including Gomoku, Sudoku, which are endorsed by classmates, on Casio classpad, a programmable graphical calculator, in BASIC  
• English (EAL) & Physics  
• Further Mathematics & Mathematical Methods

## EXPERIENCES

- PRESENT  
|  
July 2019
- **Software Tester**  
MetaMe (getmetame.com)  
📍 Sydney, Australia  
• Improving user experiences of a Windows 10 app  
• Providing feedback as a daily user at the second iteration of the test
- May 2019  
|  
Feb 2019
- **University Level Tutor**  
DueApe & Yincredible  
📍 Sydney, Australia  
• Provided online computer science course tutoring (Unimelb COMP10001)  
• Provided one-to-one face-to-face computer science tutoring (UNSW COMP1511)
- PRESENT  
|  
June 2018
- **Apple Beta Software Tester (volunteer)**  
• Constantly providing feedback, bug reports, incorrect behaviours and UX suggestions  
• Have hands on experiences of the new iOS, iPadOS and macOS when the first beta releases  
• Submitted first bug to Apple on June 2018

## OPEN SOURCE PROJECTS

- Present  
|  
April 2019
- **Interactive Message**  
Static interactive message with predefined json data in JavaScript  
• Using Vanilla JavaScript and Object Oriented Design  
• Imitating Apple Music's UI design as part of the project  
• Source: <https://github.com/bofeiw/InteractiveMessage>  
• Demo: <https://bofei.io/InteractiveMessage/samples/reply>
- Oct 2018  
|  
2017
- **Tetris in various languages**  
Developed Tetris game in Python, JS, Java, BASIC and Sunaba in my spare time.

## REFEREES

### Dr. Nir Lipovetzky

Lecturer in *Algorithms and Data Structures*  
School of Computing and Information Systems, University of Melbourne

### Dr. Salil Kanhere

Lecturer in *Computer Systems Fundamentals*  
School of Computer Science and Engineering, UNSW Sydney

Contact information available upon request

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## Languages

C++ 17  
Python 3  
Java  
MySQL  
JavaScript/HTML/CSS

## Source control

Git  
GitHub

## Frameworks

Flask  
PyGame  
Slick2D  
Anime.js  
jQuery

## Operating Systems

macOS Catalina  
Ubuntu  
Windows 10

## Dev Tools

CLion  
Xcode  
Pycharm  
IntelliJ IDEA  
WebStorm  
Visual Studio Code  
MySQLWorkbench  
Vim

## Additional

Photoshop  
iMovie  
Adobe XD  
draw.io