

# Computer Science CV

Zongzhe Yuan

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## Personal detail

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## Eduaction

September 2013 – June 2014 Second Year in Computer Science, University of Nottingham (Ningbo campus)

Modules included:

Unix and Software Tools: 76%

Mathematics for Computer Scientists: 81%

Introduction to Requirements Engineering: 58%

Introduction to Programming: 81%

Computer System Architecture: 85%

Algorithmic Problem Solving: 84%

Web Programming and Scripting: 72%

Introduction to Software Engineering: 86%

Introduction to Object-Oriented Programming: 91%

Introduction to Functional Programming: 93%

Introduction to Artificial Intelligence: 83%

Database Systems: 93%

September 2012 – June 2013 First Year (CELE year, basically studying English) in Computer Science, University of Nottingham (Ningbo campus)

Modules included:

Undergraduate Reading and Writing in Academic Contexts: 56%

Undergraduate Listening & Speaking in Academic Contexts: 60%

Sustainability, Engineering Communication & IT: 71%

Foundation Science A: 58%

Foundation Algebra for Physical Sciences & Engineering: 77%

Undergraduate English in Specific Academic Contexts b: 56%

Undergraduate Academic Oral Presentations: 74%

Introduction to Programming and Algorithms: 88%

Foundation Calculus and Mathematical Techniques: 84%

Group project: In the second year, our group has designed and implemented a simple computer game program by using Java and scratch. I am mainly responsible for doing the designing part and the coding part in Java. Our group achieved well above the average marks for this project.

## Other Computing Skills

Application: X-code, Eclipse, Android Studio, Sublime, Matlab, Microsoft Office and a little about LaTeX.

Programming Languages: C, C++, Java, Unix shell, Haskell, Python, Scheme, Matlab, Coq, HTML, CSS, JS, PHP, Ajax, and MySQL.

Operating System: Unix, Windows and Mac OS.

Algorithm and data structure: Sorting algorithms, list data structure, simple tree data structure, hash table, the concept of dynamic programming, KMP and BM algorithm.

Details: know a little windows api, can use GDB in the debugging process of C and C++, know thread and concurrency, know a little about the http protocol and have done a simple http1.0 server in Java. Know swing package in Java, know a little about android development. Could use python to write simple script. Know a little about image processing and could use MatLab to do some simple operation on image. Know a little about the software engineering development model. Could use HTML + CSS + JS to build a series of web pages. Could use PHP + MySQL to build the simple server side stuff.

## Emplement and Experience

July 2012 September 2012

Temporary work that doing manufactured by hand in a factory.

## Interests

Listening to music, watching movie and doing sports.

Insisting on running in the morning.

Solving algorithm and math problem.

Watching football and basketball match.

Eating.