

Zijun Yan

PERSONAL INFORMATION

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EDUCATION

University of Cambridge, Cambridge, UK

Oct 2016 – Now

- First year: Computer Science with 50% Maths option (RESULT: 2.1)
- Second year: Computer Science (DOING)
- For further courses information: <https://www.cl.cam.ac.uk/teaching>

Concord College, Shrewsbury, Shropshire, UK

Sep 2014 – Jul 2016

- A-Level in Maths (A*), Further Maths (A*), Physics (A*), Chemistry (A*)

WORK EXPERIENCE

Shanghai Media Group Limited, Shanghai, China

Aug 2015

- A shell tool development
 - A shell tool generating daily TV stream data report from mySQL database by corresponding SQL command and sending the report to an email list
 - Skills included: C#, SQL, .NET framework and smtp service

Langsheng Education, Shanghai, China

Jul 2016 – Aug 2016

- Summer course for A-Level international students
 - Maths, Physics and Chemistry lessons
 - University application suggestions
 - Skill included: information representation and communication with clients

TECHNICAL SKILLS

- Java, C/C++, ML, R
- Basic algorithms and data structures
- Basic ML methods and their maths concepts

PROJECT

LR(0) calculator

- A compiler which takes a text file which describes a set of symbol properties and their lex rules, a LR(0) grammar and a Java class file which defines methods for production rules.
- Source code: <https://github.com/yanzijun922/ParserStudy>

Text OCR

- A picture processing program transfers picture to text by image processing and ML techniques such as clustering and SVM.
- Source code: https://github.com/yanzijun922/TXT_OCR