
PERSONAL STATEMENT

I am an MSc Artificial Intelligence student from the University of Edinburgh. I achieved my BSc in Computer Science at the University of Nottingham. My interests include Parallel Computing, Cyber Security, and Computer Graphics. I am now working on a skeletal parallelism project about stencil.

EDUCATION

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| • University of Edinburgh
<i>MSc Artificial Intelligence (Expected Degree: Pass)</i> | Central Campus
<i>Sept 2018 – Aug 2019</i> |
| • University of Nottingham
<i>BSc (Hons) Computer Science (First Class Degree: 71%)</i> | Jubilee Campus & Ningbo Campus
<i>Sept 2014 – July 2018</i> |
| • Wujin Senior High School
<i>NCEE, Jiangsu proposition, Physics and Biology (1st in my class, 360/480=75%, A+, A+)</i> | Wujin, Changzhou
<i>Sept 2011 – June 2014</i> |

TRAINING AND SELF-LEARNING

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| • Time Management by University of California Irvine on Coursera | <i>Dec 2018</i> |
| • Python Data Representations by Rice University on Coursera | <i>June 2018</i> |
| • Python Programming Essentials by Rice University on Coursera | <i>June 2018</i> |
| • Business and Management Skills Summer School by University of Nottingham | <i>July 2015</i> |

WORK EXPERIENCE

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| • New Solar Technologies Co. Ltd
<i>Assistant</i> | Changzhou & Shanghai, China
<i>June 2015 – July 2015 & Sept. 2015</i> |
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PROJECTS

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| • Skeletal Parallelism: A Stencil Skeleton for a DICE-Friendly Parallel Skeleton Library | <i>Feb 2019 – Aug 2019</i> |
| • Vision-based Range Detection: Mono- and Stereo-vision depth estimation using OpenCV | <i>Sept 2017 – May 2018</i> |
| • 3D Graphics: 3D animation scene in C++ using legacy OpenGL | <i>April 2018</i> |
| • 2D Game Development: Win Depth re-implementation in C++ using SDL2 | <i>Mar 2017 – April 2017</i> |
| • Software Engineering Group Project: Atari Centipede rebuilt in Java | <i>Sept 2016 – April 2017</i> |

AWARDS

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| • Midland HR Prize for Best Group Project | <i>2016 – 2017</i> | • Head's Scholarship in Computer Science | <i>2014 – 2015</i> |
| • Head's Scholarship in Computer Science | <i>2015 – 2016</i> | • Distinction Scholarship, Wujin Senior High | <i>2013 – 2014</i> |

SKILLS

- **Mandarin Chinese:** Native
- **English:** IELTS Band 7.0 (9.0/6.5/6.0/6.0) (2017), good user as IELTS said; CET-6 (2016); CET-4 (2015). I reckon myself a confident English speaker, but an awkward English user, especially in English writing.
- **C/C++:** I heavily use C/C++ in current stencil project. I am a C++ lover. I am not a fluent C++ speaker, but I enjoy programming in C++.
- **Haskell:** I lightly used Haskell in a course. I value FP because of its elegance and its usage in parallel computing.
- **Java:** I used to use Java before I picked up C++, but not much now.
- **HTML, CSS, PHP, MySQL, JS:** I did web programming very lightly in a course.
- **Python:** My Python skill is very sketchy. I learnt it from some Coursera courses. It covers imperative programming paradigm in data science context, nothing about OOP.

INTERESTS

- **Emacs:** I love playing around in Emacs. Emacs is certainly a fun playground to jazz up text. I lightly use Vi/Vim, because I think Vi/Vim is more ergonomic.
- **Retrocomputing:** I am cultivating my interest in vintage computers and retrocomputing.

EXTRA-CURRICULUM ACTIVITIES

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| • Foshan Gu Lao Wing Chun Member | <i>2016 – 2017</i> | • UoN Boxing Club Member | <i>2014 – 2016</i> |
| • UoN Fitness Club Member | <i>2015 – 2016</i> | • UoN Learning Community Fora Rep | <i>2014 – 2015</i> |

If you are reading this CV on paper, embedded links are not visible. If you are reading this CV in PDF format, it might be outdated.

The Latest version is available at <https://shengsli.github.io/cv.html>.