Sheng Li

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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

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

Training and Self-Learning

- Time Management by University of California Irvine on Coursera   *Dec 2018*
- Python Data Representations by Rice University on Coursera   *June 2018*
- Python Programming Essentials by Rice University on Coursera   *June 2018*
- Business and Management Skills Summer School by University of Nottingham   *July 2015*

Work Experience

- **New Solar Technologies Co. Ltd**   Changzhou & Shanghai, China
  Assistant   *June 2015 — July 2015 & Sept. 2015*

Projects

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

Awards

Midland HR Prize for Best Group Project	*2016 – 2017*	Head's Scholarship in Computer Science	*2014 – 2015*
Head's Scholarship in Computer Science	*2015 – 2016*	Distinction Scholarship, Wujin Senior High	*2013 – 2014*

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.
- **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 leant it from some Coursera courses. It covers imperative programming paradigm in data sicence 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

Foshan Gu Lao Wing Chun Member	*2016 – 2017*	UoN Boxing Club Member	*2014 – 2016*
UoN Fitness Club Member	*2015 – 2016*	UoN Learning Community Fora Rep	*2014 – 2015*