CURRICULUM VITAE
Zhenning Liu

Personal Data

Place and Date of Birth:	China | 05 February 1998
Address:	Hatfield College, North Bailey, Durham, DH1 3RQ
Phone:	+44 7754289943
E-mail:	zhenning.liu@durham.ac.uk

Education

2016-present	Bsc in Physics, **Durham University**, UK Collection Exam 2017 : Physics 104/120, Calculus 88/100, Linear Algebra 99/100, Analysis I 92/100
2015-2016	A-Level in **Pennon Education**, China
2013-2016	Senior High School in **Shandong Experimental High School**, China Average Mark: Math 91/100, Physics 96/100, Chinese 86/100

Certificates

June 2016	A-Level : Physics A* 575/600, Math A* 579/600, Further Math A* 567/600
September 2015	Chinese Physics Olympaid in Provinces : Third Prize
November 2014	National Olympaid of Informatics in Provinces : First Prize

Languages

Chinese	Mother tongue
English	CEFR Level B2

Academic Knowlege

Physics:	Level 1 University Physics, Stars and Stellar evolution, Basic cosmology and galaxy knowledge
Mathematics:	Calculus, Linear Algebra, Analysis, Combinatorics, Probability
Algorithm:	Basic Numerical Algorithms, Graph Theory, Dynamic Programming, Search, Automatons, Basic Computational Algebra, etc
Data Structure:	Queues, Stack, Segement Tree, Balanced Trees, Merge–find Set, etc
General Idea:	Functional Programming, Machine Learning
Currently Self-studying:	Astrophysics, Electrodynamics

Programming Languages

Level of scientific computing:	Python
Level of Algorithm Competition:	C++, Pascal
Intermediate Knowledge:	C, PHP, XML, HTML
Basic Knowledge:	Haskell, SQL, Javascript, Visual Basic, MATLAB

Other Computer Skills

System Tools:	Linux, Shell, Basic Web Server
Electronic Writing:	LaTeX
Data Analysis:	Excel with Simple VBA

Interests and Activities

Building Robots, Web Development, Online Programming Contest
Astronomical Observation
Ship Model, Photography, Animation Review
Ball Games, Cycling