

Shuxiang Hu

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Personal Statement:

A Second Year Computer Science student with essential programming skills and development methodology seeking a software engineering project for GRP module.

Education:

University of Nottingham UK

September 2020 – now

BSc Hons Comp Sci with AI

- Operating System and Concurrency
- Developing Maintainable Software
- Algorithm Correctness and Efficiency

University of Nottingham China

September 2018 – June 2020

BSc Hons Comp Sci with AI

Preliminary Year: average grade (80.4), GPA (4.0)

Qualifying Year: average grade (79.5), GPA (4.0)

Modules included:

- Programming and Algorithms (85%)
- System and Architecture (83%)
- Programming and Paradigms (79%)

Xuzhou No.1 Middle School

September 2015 – June 2018

College Entrance Examination:

Mathematics(152/200), Chinese(106/150), English(103/120), Physics(A+/A+), Biology (A+/A+)

Primary College Entrance Examination:

Chemistry(A/A), Geography(A/A), History(A/A), Politics(A/A)

Research Interest:

- Data analysis
- Computer vision
- Natural language processing

Work Experience:

FoSE Research on Image Colorization July 2020 – August 2020

Colorization of grey images with deep neural network

- I reviewed state of art papers and was quick to learn the novel concepts mentioned in the papers.
- I successfully implemented the benchmark solution.
- I analysed current network models and hypothesized a model using SIFT.

Woolin Auto Facemask Sales Systems April 2020 – May 2020

- I designed and implemented a database system to store information of transactions and various user accounts. Database design methodology like normalization was applied to my work and entity relationships were well represented in the database.
- I developed a website interface for customers, representatives, and managers to register, login, process transactions and update their account information.
- I wrote detailed test log, report and also user manual for this website.

Technical Skills:

- Java, Python (pytorch), C, Javascript, Assembly language
- SQL and Database design
- Essential AI techniques (ML, DL, CV, NLP)
- Matlab, Jupyter notebook, Microsoft Office, Markdown, Git

Extracurricular activities:

- Havard Summer School Project (on site, 2019)
My speech on Virtual Reality earned me “The best Speaker” at the end of the project.
- Member of Roller Skating Club of University of Nottingham China (2018)
Active in both organization and participation of club events

Honors / Awards:

- Dean's Scholarship

Languages:

- Chinese (mother tongue)
- English (CET 6)
- Japanese (Beginner)

References are available on request.