Fanghui He

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EDUCATION

Smith College, Northampton, MA   09/2017 - B.A expected 05/2021
- **Major:** Economics & Computer Science
- **Honor:** Dean's list of 2017-2018
- **GPA:** 3.93/4.0
- **Relevant Courses:** Intermediate Microeconomics, Intermediate Macroeconomics, International Finance, Programming of Data Structure, Theory of Computation, Advanced Programming Technique, Discrete Mathematics

Massachusetts Institute of Technology (Study Away), Cambridge, MA   expected 09/2018 – expected 01/2019
- **Department**: Electrical Engineering and Computer Science
- **Expected Courses**: Introduction to Probability I, Introduction to Probability II, Artificial Intelligence, Introduction to Algorithms, Introduction to Machine Learning

Shenzhen Foreign Language School, Senior High School, Shenzhen, China   09/2014 - 07/2017
- **GPA**: 4.26/4.3; **New SAT:** 1480; **TOEFL**: 110
- **Honors**: Principal's List & Teacher's List (2014 – 2016)

ACADEMIC EXPERIENCE

INTERN DATA ANALYST, MORNINGSTAR, Shenzhen, Guangdong, China   06/2018 – expected 08/2018
- Work in Managed Investment Data Group
- Collect fund data, assess fund reports and check fund performance
- Write code to facilitate data collection and management, improving work efficiency

SPECIAL STUDY: HANDWRITING RECOGNITION   02/2018-05/2018

Research Assistant, Instructor: Professor Nicholas Howe, Smith College, Northampton, MA
- Worked in a group, using MATLAB tools to develop ground truth data for training character recognition systems
- Independently developed codes and procedures to solve problems and process data

HACKAMHERST, Amherst College, Amherst, MA   03/2018
- Worked in a group, designed a website for five colleges' dining system
- Scrape dish information and displayed dish information of 5 colleges on the website

INTERNATIONAL GENETICALLY ENGINEERED MACHINE COMPETITION   2015-2016

SFLS school team, Experimental Group Member. Cooperated with Beijing Genomics Institute (BGI)
- Designed a "weakened" antigenic determinate helper, which has weaker antibody interactions
- Searched for genetics and protein engineering using the National Center for Biotechnology Information (NCBI)
- Won Nomination Prize for the Best Poster as a group, and awarded Silver Award, High School Group of the Year 2015

ADDITIONAL EXPERIENCE

GOOGLE FOOBAR CHALLENGE   04/2018
- Invited to the Google Foobar Challenge

HOUSE COUNCIL, House Social Event Coordinator (HSEC), Smith College   09/2017 – 05/2018
- Designed Halloween party and Spring Break party with other HSECs

INTERESTS &SKILLS

Computer: Java, Python, Excel, SAI   **Language:** Chinese (mother language), English