**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, Guangdong, 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