**Fanghui He**

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Campus Address: 1 Chapin Way, Box 7661 Northampton, MA, 01063

**Education**

**Smith College,** Northampton, MA 09/2017 - B.A expected 05/2021

* **Major:** Economics & Computer Science
* **GPA:**3.86/4.0
* **Relevant Courses:** Intermediate micro/macroeconomics, International Finance, Data Structure, Theory of Computation, Advanced Programming Technique, Discrete Mathematics

**Shenzhen Foreign Language School (SFLS), Senior High School,** Shenzhen, China09/2014 - 07/2017

* **GPA**: 4.26/4.3; **New SAT:** 1480
* **Honors**:

Principal’s List Honor & Teacher’s List Honor 2014 - 2016

* **Award**:

Excellent Grade Award, SFLS 2014

Well-Rounded Student, SFLS 2014 - 2015 & 2015- 2016

**AcademicEXPERIENCE**

**SPECIAL STUDY: HANDWRITING RECOGNITION** 02**/**2018-present

Research Assistant, Instructor: Professor Nicholas Howe, Smith College, Northampton, MA

* Work in small groups, and use MATLAB tools to develop ground truth data for training character recognition systems.
* Develop tools and procedures for this task. The project provides training in independent problem solving, as well as experience with research methods and practices.

**HACKAMHERST,** Amherst College 03/2018

* Designed a website for five colleges’ dining system which displayed all dishes in 5 colleges’ dining halls.
* Students among five colleges can comment about dishes from all five schools, rate their favorite, and give feedback to the dining system.

**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 and analyze 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

* Got invitation to the Google foobar challenge

**HOUSE COUNCIL,** HSEC (House Social Event Coordinator), Smith College 09/2017 - present

* Designed Halloween party and Spring Break party

**MEDIA CENTER,** Post-Production, SFLS 09/2015 – 05/2017

* Post-processed school promotional program series, including video clipping, subtitle editing, and BGM insertion
* Post-processed a video used to recruit new members for media center

**Interests &skills**

**Computer:** Java, Python, Microsoft Offices, SAI

**Language:** Chinese, English

**Interests:** Drawing, Tai Chi