

# Yikai Wang

College Address: Swarthmore College, 500 College Avenue, Swarthmore, PA, 19081

Home Address: Room 606, # 180, Chunjiang Road, Fuyang, Zhejiang, China, 311400

Cell Phone: (610)-241-2219 E-mail: ywang5@swarthmore.edu

## Education

### Swarthmore College, Swarthmore, PA

- Bachelor of Arts in Computer Science and Economics, May 2016, GPA: 3.95
- Relevant Coursework: Python Programming, Data Structure and Algorithm with C++, Econometrics, Honors Linear Algebra, Honors Multivariable Calculus

### Hangzhou Foreign Languages School (HFLS), Hangzhou, Zhejiang, China

- Graduated in top 5% of class, June 2012

## Entrepreneur Experience

### SwaTank Semi-finalist, Swarthmore Business Competition

Fall 2013 & Spring 2014

- Recruited a team of four Swarthmore students, and worked closely with our mentor to do market research and write up a business plan
- Pitched our idea and business plan to a panel of investors and entrepreneurs

## Internships

### Extern, California Housing Finance Agency (CalHFA), Sacramento

Winter 2014

- Used MS Excel to develop spreadsheets for net operating income and permanent loan cash flows for a multi-family lending program in San Jose
- Modified data presentation in *Affordable Housing Cost Study* using Excel and PowerPoint, which was presented in Governor's staff meeting
- Compiled material for all 13 board members and the public members attending the CalHFA board meeting

### Professor's Assistant, Summer China Program, Shanghai International Studies University, China

Summer 2013

- Organized and led weekly discussion sessions of 20+ students on weekly philosophy readings, exam preparations and paper writing. Analyzed each student's strengths and weaknesses and suggested ways to improve
- Graded all students' weekly problem sets, 4 written responses and 4 exams. Recorded and submitted grades using Moodle
- Held office hours for two hours per day to help students with their readings and papers. Provided constructive feedback on each student's particular challenges
- Collected students' feedback on the progress of the course and the program, and directed the feedback to the professor and the program director

### Researcher, Medicine Department in Zhejiang University, China

Summer 2011

- Finished an independent research project regarding the concentration of amylase in human saliva
- Documented the research methodology problems and worked with the mentor to solve them
- Presented the research report to a panel of one professor and eight Ph.D. students

## Leadership

### Founder and Director, HFLS A-level Center Tutor Program

November 2009 - Present

- Analyzed the school's existing peer support network and recommended a new tutoring initiative for students in math, economics and natural sciences
- Persuaded school administration to support in the development of the program
- Liaised between the school administration, certified teachers, student tutors and student tutees
- Recruited a board panel of 5 members. Led discussions in panel meetings, and assigned each member tasks that suited their interests and skills
- Advise the current director

### Public Relations Officer, Swarthmore International Club

Fall 2013 & Spring 2014

- Organized and publicized the annual international dinner which over 200 students and faculty members attended
- Attend weekly meetings to evaluate pros and cons of proposals and offer my own proposals
- Contact school administration, various student committees and clubs for co-sponsoring events
- Advertise events including lectures and workshops, using posters, emails and Facebook pages

### International Orientation Leader, Swarthmore College

Fall 2013

- Organized orientation events including ice-breaking, campus tour and various workshops
- Talked to students individually about their potential challenges and the ways to overcome them

## Mentoring Experiences

### Econometrics Tutor, Swarthmore Economics Department & Chinese Tutor, Chinese Department

Fall 2013 & Spring 2014

- Hold weekly one-on-one tutor sessions, covering material at the tutee's request.
- Communicate with tutees regarding their expectations and problems, and create study plans

### Grader, Swarthmore Mathematics Department

Spring 2014

- Grade weekly problem sets for honors multivariable calculus course with 25 students
- Comment on students' answers and responses

## Interests/Skills

Language: Native in Mandarin; bilingual proficiency in English

Computer: Proficient in MS Word, PowerPoint, Excel, STATA; Proficient in programming in Python and C++