
Adrian H. Wan

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Education *Swarthmore College*, Swarthmore, PA Expected May 2015
Candidate for Bachelor of Arts
Major in Physics, minor in Computer Science; GPA: 3.93 overall

Relevant Courses (* denotes mandatory lab component)

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| <i>Physics:</i> | <i>Computer Science:</i> |
| <ul style="list-style-type: none">• Thermodynamics*• Mathematical Methods*• Quantum Mechanics*• Electricity and Magnetism* | <ul style="list-style-type: none">• Bioinformatics*• Intro to Computer Systems*• Data Structures and Algorithms* |

Experience *Physics Tutor* Fall 2012 – Present
Swarthmore College Department of Physics and Astronomy

- Hired following faculty recommendations; mentored two students
- Communicated clearly and patiently, especially in adapting to different learning styles. Synthesized knowledge between discrete units, exemplifying practical approaches, inducing a deeper appreciation for Physics

Statistician; Assistant Manager Fall 2011; Fall 2012 – Present
Swarthmore College Women's Varsity Volleyball Team

- Statistician (~1.5 hr/wk): Coordinated with small team under pressure to generate live comprehensive match statistics for coaches
- Manager (15+ hr/wk): Promotion from statistician. Employed rapid, organized multi-tasking to assist practices, track player statistics, and analyze opponent offensives to inform defensive strategy

Club Vice-President & Treasurer Fall 2012 – Present
Swarthmore College Shogi Club

- Represented the club to negotiate official status and funding, establishing the club as the first official collegiate Shogi club outside Japan

Skills *Cultural Fluency:*
Languages: Fluent in English, Mandarin, Cantonese, Japanese; basic French
Hong Kong: Permanent Resident, born and raised for 18 years
Japan: 2 month homestay, supplemented by frequent independent travel

Technological Proficiency:
Programming and Systems: Python, C, C++, MATLAB; Windows XP–8, Linux
Presentation: L^AT_EX, Kaleidagraph, Mathematica, Microsoft Office Suite, alternative presentation tools (e.g. Prezi), Final Cut Pro & Soundtrack Pro (film & multimedia)