William Chuang

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EDUCATION	◇ **University of San Francisco**, Spring 2015-Present. GPA: 3.90/4.00. · Major: Computer Science, and Mathematics Honors. ◇ **National Taiwan University**. GPA: 3.24/4.00. Fall 2011-Spring 2013. · Major: Bioenvironmental Systems Engineering. · Learned Algebraic Geometry, Atiyah-Singer Index Theorem, and Wall Crossing Structures, Donaldson-Thomas and Kontsevich-Soibelman invariants. · Analyzed the Ising model (an instance of Restricted Boltzmann Machine from the field of deep learning) using Steepest Descent-Contour Integral's Asymptotic Solution, and Fortran. ◇ **National Dong Hwa University**. GPA: 3.80/4.00. Physics Major, Fall 2007-Spring 2011. · Admitted to the best university in my country (with a 2% accepted rate for my major). · Scholarship: Four times academic awards with scholarship (president's list) and every semester in dean's list, top 1.5% in class.
EXTENSION STUDIES	◇ **Stanford University**. Spring 2015-Present. · School of Medicine–Continuing Medical Education: Statistics for Medical Professionals. · Liberal Arts and Science–Continuing Studies: Bio 84–Your Genes and Your Health.
CERTIFICATIONS	◇ MIT ProfessionalX 6.BDx Honor Code Certificate for Tackling the Challenges of Big Data. Developed by the faculty of the MIT Computer Science and Artificial Intelligence Laboratory in collaboration with MIT Professional Education and edX. (March 2015) ◇ The Standard First-Aid Certificate. The Red Cross of Taiwan. (December 2013)
WORK EXPERIENCE	◇ **Teaching Assistant**, National Dong Hwa University, Dep of Physics. (Fall 2008-Spring 2010) Assisted students for all lower division courses of physics major. ◇ **Research Assistant**, National Dong Hwa University, Dep of Physics. (Spring 2010) Apply linear algebra to find approximate solutions for PDE problems for n-body problems.
SKILLS	◇ Programming Languages: Python, Flask, CSS, HTML, LaTex, awk, R, Java, C ◇ Languages: English, Chinese (Mandarin)
ADDITIONAL INFORMATION	◇ Awarded 2004 First prize and 2003 Second prize in Science and Engineering Fair in Taiwan in high school years, owner of 2 Mayer awards, and 75 certificates for outstanding academic performance and academic competition in high school. ◇ ACM, IEEE, Data Science Association, and Data Science Central member. ◇ Founder of Cosmological Physics Journal Club at NTU, and president of Computer Science club and Science and Engineering Research club at St. Ignatius High school. ◇ Statistical Learning: Andrew Ng's Machine Learning course, and Hsuan-Tien Lin's two NTU coursera courses: Machine Learning Foundations and Machine Learning Techniques. ◇ Volunteered with more than 100 hours at local hospitals, aged home, and catholic charities center for children.