William H. Chuang

The meaning of life is to find your gift. The purpose of life is to give it away.

wchuang@g.harvard.edu

Summary

Aimed at:

i) Creating a curriculum that teaching machines learn to learn, and write code to write code.

ii) Building an engine that could determine the consequences of gene editing writ large.

iii) Solving intelligence, and then using that to solve everything else.

Certifications

MITProfessionalX 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.

MIT Professional Education   March 2015

The Standard First-Aid Course

The Red Cross of Taiwan   December 2013

Volunteer Experience

President at   Science and Engineering (STEM) Research Club

2003 - 2006

  Executed and organized the Science and Engineering (STEM) Research Club for 2.5 years.

President at   Computer Science Club

2003 - 2005

  Executed the Computer Science Club for 2 years.

Volunteer at   Local Churches

1998 - Present

  More than 500 hours volunteered for altar service and all kinds of church activities.

Member at De Anza College Student Government

September 2014 - January 2015

  Volunteered and interned in the student government at the De Anza College.

Honors and Awards

Captain of the Physics Fair Team for 3 years.

  2003 Second prize and 2004 First prize in Science and Engineering Research Fair in Taiwan.

Represented St. Ignatius High School to join the National Science and Engineer Fair.

2004.04.28. Awarded First Prize in Physics. Given by Ministry of Education Republic of China (Taiwan), which is the 44th National Science and Engineering Fair in Taiwan.

2003.06.30 Second Place in Junior High School Science and Engineering Fair in Northern Taiwan. [Certificate No: ######0920246314#].

Owner of 2 mayer awards, and 75 certificates for outstanding academic performance and academic competition

75 times certificates for outstanding academic performance and academic competitions within 6 high school years and ended up with two Mayor's prizes.

Owner, Four Times Academic Awards (President's List)

March 2008

Four times academic awards (president's list) and every semester in dean's list, top 1.5% in class (2008~2010).

Skills & Expertise

Numerical Analysis
Deep Learning
Tensor Networks
Quantum Field Theory
Statistical Mechanics
Algebraic Geometry
Information Geometry
Differential Geometry
CUDA
OpenCL
FPGA
GPU
R
Matlab
Mathematica
Python
Java
C
C++
Fortran
Scheme
TensorFlow
Theano
Caffe
Lua
Torch
Spark
OGRE

Scalable Computing
Web Crawling
Octave
JavaScript

Education

University of San Francisco
Bachelor of Science (B.S.), Major in Computer Science, and Mathematics, 2015 - 2016
National Taiwan University
Theoretical and Mathematical Physics., 2011 - 2013
Grade: 3.24/4.00
Coursera I
Coursera II
Coursera III
MIT OCW 2015
MIT OCW 2016, Expected
UC Berkeley on YouTube, Berkeley on iTunes University, and Webcast.Berkeley
Udemy
Udacity
St. Ignatius High School (####)
2000 - 2006

Projects

Python Web App Project
March 2015 to Present
Members:William H. Chuang

This is my first Python Web App Project with Flask and CSS.

Organizations

Data Science Association
Member
April 2015 to Present
Data Science Central
Member
April 2015 to Present
ACM (Association for Computing Machinery)
Member
April 2015 to Present

Membership number: 2461215.

Email: williamchuang@acm.org

IEEE (Institute of Electrical and Electronics Engineers)

Member

April 2015 to Present

   Member Number: 93382342.

   Email: W.H.Chuang@ieee.org

IEEE Robotics and Automation Society

Member

April 2015 to Present

IEEE Engineering in Medicine and Biology Society

Member

April 2015 to Present

IEEE Computer Society

Member

April 2015 to Present

IEEE Computational Intelligence Society

Member

April 2015 to Present

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Linked in ®

Contact William H. on LinkedIn