Shane Chu

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LINKS

Github:// **formosa21**
LinkedIn:// **kchu1**
YouTube:// **guixien**

COURSEWORK

KU
Introduction to computing
Programming I , Digital Logic (Honors)
Programming II
Discrete Structures
Differential Equations
Probability and Statistics
Physics III
Engineering Thermodynamics
Circuits I
Embedded Systems
Organic Chemistry
Genetics
Software Engineering
Programming Language Paradigm

JCCC
Molecular and Cellular Biology
Physics I-II
Calculus I-III
Linear Algebra
General Chemistry I-II

COURSERA
Machine Learning (Andrew Ng)
Coding the Matrix

LANGUAGES

English and Chinese

EDUCATION

UNIVERSITY OF KANSAS | Lawrence, KS — Computer Science
Expected Dec 2017 | Cum. GPA: 3.84 / 4.0
- Member of Phi Kappa Phi (Top 7.5 percent of second semester juniors.)
- Member of Golden Key International Honour Society

JOHNSON COUNTY COMMUNITY COLLEGE | Overland Park, KS
May 2014 | Cum. GPA: 3.74 / 4.0
- Fred Krebs History Scholarship
- Dean's list (All Semesters)
- Top 10 - 2013 AMATYC math contest(JCCC)

PROJECT

IMPLEMENTING SPARSE APPROXIMATION ALGORITHMS
Feb 2016 – Present | Lawrence, KS
Working with researcher **Jarod V. Hart** to develop analytical tools and research abilities. Implement regression algorithms with ℓ_1 norm regularization. Use supervised machine learning algorithms to identify anomalies in medical images.

LEADERSHIP

TAIWANESE STUDENT ASSOCIATION | President
Aug 2014 – Jan 2016 | Lawrence, KS
- Recruit and organize 15 volunteers to assist the 103th National Day Celebration of the Republic of China hosted by the Taipei Cultural and Economic Center.
- Featured guest speaker | Cosmopolitan International | Life as an international student in Kansas

SKILLS

PROGRAMMING
C++, Python, Java, Matlab, Octave, JavaScript, LaTeX
Software
Autodesk Inventor, Git and Github, Linux (Ubuntu)

ORGANIZATION

2015-present   Association for Computing Machinery (ACM)
2015-present   KU Programming club