

KENNY CHANG

kgchang@stanford.edu / kennychang.me / Stanford, CA / 714.271.3448

EDUCATION

B.S. Mathematics + M.S. Electrical Engineering, Stanford University (Spr 2018)
General Visiting Student in Electronic Engineering, Tsinghua University Aut 2016
High School Diploma, Fairmont Preparatory Academy Spr 2014
SAT CR: 800, M: 770, W: 760, Total: 2330

AWARDS

Honor Roll, William Lowell Putnam Mathematical Competition Aut 2015
Ranked in the top 500 in nationwide intercollegiate math competition

EXPERIENCE

Engineering Intern, Federal Communications Commission, Media Bureau Sum 2017
Final presentation to the Engineering Division concerning the effects of COFDM modulation on implementing the next-generation broadcast TV standard (ATSC 3.0)
Research Intern, Stanford Department of Electrical Engineering (PI: Ayfer Özgür) Sum 2016
Theoretical project examining the information theoretic constraints on wireless signaling under a stochastic or unreliable power source, as in an energy harvesting device
ML/Signal Processing Intern, SETI Institute Spr 2016
Used sophisticated machine learning to develop data mining algorithms for analyzing massive noisy and unstructured extraterrestrial signal data in a distributed setting

SKILLS

Computer Languages: MATLAB ■■■■, Python ■■■■, R ■■■■, C++ ■■■□, C ■■■□, Java ■■■□
Human Languages: English ■■■■, Spanish ■■■■, Mandarin ■■■□, Cantonese ■■■□
Other: bash, relational databases, \LaTeX , Apache Hadoop, Apache Spark, Verilog

COURSES

– Intro to Information Theory	– Circuit Design and Analysis	– Complex Analysis
– Wireless Information Theory	– Mining Massive Data Sets	– Stochastic Processes
– Network Information Theory	– Modern Communications	– Statistical Inference
– Digital Signal Processing	– Convex Optimization	– Algorithm Design

STUDENT ORGANIZATIONS

President, Hong Kong Student Association Aut 2015 –
Event Coordinator, Lambda Phi Epsilon Spr 2016 –
Student Staff, Institute for Diversity in the Arts Spr 2017 –