

EDUCATION

The University of Texas at Austin (UT Austin)	Austin, TX	Aug 2018 – present
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- **M.S. in Decision, Info. and Commun. Engr. (DICE), Electrical and Computer Engineering (ECE)** **GPA: 4.0/4.0**
- **Advisor:** Prof. John Hasenbein
- **Graduate Coursework:** Probability and Stochastic Processes, Large Scale Optimization, Linear Programming, Analysis and Design of Communication Networks, Game Theory

National Taiwan University (NTU)	Taipei, Taiwan	Sept 2013 – Jan 2018
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- **B.S. in Electrical Engineering (EE) with minor in Physics (Phys)** **GPA: 4.16/4.30**
- **NTU Presidential Award for 3 semesters:** Awarded to students ranked within the top 5% in each semester.
- **Relevant Courses:** Mathematical Analysis (I), Probability and Statistics, Calculus (I) and (II), Discrete Mathematics, Linear Algebra, Differential Equation, Signals and Systems, Principle of Communications

RESEARCH INTEREST

Applied Probability

- Stochastic Modeling
- Decision Making Under Uncertainty: Stochastic Control and Markov Decision Process

Game Theory

- Mechanism Design
- Strategic Decision Making

RESEARCH EXPERIENCE

Queueing Theory	with Prof. John Hasenbein	Jan 2019 – present
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- Game-theoretic queueing models for liver transplantation

Wireless Communication	with Prof. Jean-Fu Kiang	Feb 2017 – Jan 2018
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- Developed a novel transmission scheme of a cognitive wireless-powered communication network.
- Proposed a subproblem that efficiently solved the originally non-convex optimization problem and proved the relation between two problems.

Electromagnetics and Fluid Mechanics	with Prof. Jean-Fu Kiang	Sept 2015 – Jan 2017
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- Implemented MATLAB programs to solve Navier-Stokes Equations and simulated the hypersonic regime of aerodynamics.

HONORS

High School Physics Contest Winner	Kaohsiung, Taiwan	Oct 2012
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- First prize and representative of Kaohsiung City.

Selection Test for International Physics Olympiad	Taiwan	Nov 2012
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- Second round

TEACHING EXPERIENCE

Teaching Assistant	NTU	Sept 2016 – Jan 2017
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- Volunteered-Service Learning Class

EMPLOYMENT

Mandatory Military Service	Tainan, Taiwan	Feb 2018 – June 2018
<ul style="list-style-type: none"> Private, Taiwan Army. 		
Private Tutoring	Taipei, Taiwan	Sept 2014 – Jan 2018
<ul style="list-style-type: none"> High school physics and mathematics. 		

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Attendee	Texas Wireless Summit	Nov 2018
<ul style="list-style-type: none"> Student attendee of Texas Wireless Summit held at UT Austin (Topic of the summit: AI and the Mobile Device). 		
Club Leader	NTU Kind-kids Club	Feb 2016 – June 2016
<ul style="list-style-type: none"> Leader of a seventy-four person voluntary club. 		
Club Member	NTU Kind-Kidds Club	Sept 2013 – June 2017
<ul style="list-style-type: none"> Weekly volunteered curricular service at Bethany Orphanage, Taipei, Taiwan. 		
Camp Activity Organizer	NTUEE Summer Camp	July 2014
<ul style="list-style-type: none"> Held a summer camp dedicated for high school students to get to know electrical engineering. 		

TECHNICAL SKILLS

Programming Languages

- MATLAB, Python, \LaTeX

Spoken Languages

- Chinese(native), Taiwanese(native), English(fluent)