

# SHAO-TING STEVEN CHIU

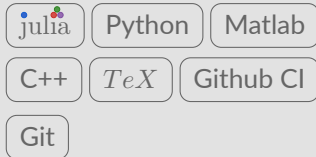
✉ b03901045@g.ntu.edu.tw

☎ +886-937857127

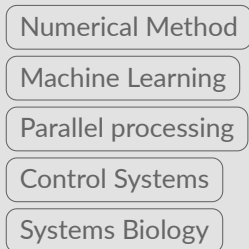
📍 New Taipei City, Taiwan

🌐 stevengogogo

## SKILLS



## INTERESTS



## LANGUAGES

Mandarin: **Native**

English: **Fluent / 94 (TOEFL)**

Vietnamese: **Intermediate / A2**

## ACHIEVEMENTS

Pen Wen Yuan Foundation

🏆 Scholarship 2019

📍 Industrial Technology Research Institute, Taiwan

International Student Science Forum 2017

🏆 Best presentation award

📍 Ho Chi Minh City, Vietnam

Intel ISEF 2014

🏆 1<sup>st</sup> Special Award

4<sup>th</sup> Grand Award

📍 LA, USA

Taiwan International Science Fair 2014

🏆 1<sup>st</sup> place

Young Scientist Award

📍 Taipei, Taiwan

## EDUCATION

Master of Biomedical Engineering | [Graduate Institute of Biomedical Electronics and Bioinformatics, National Taiwan University](#)

📅 Sept. 2018 – Present

📍 Taipei, Taiwan

🏛️ GPA: 4.19/4.3

Bachelor of Electrical Engineering | [Dept. of Electrical Engineering, National Taiwan University](#)

📅 Sept. 2014 – July 2018

📍 Taipei, Taiwan

🏛️ GPA: 3.71/4.3

Doctor of Dental Surgery | [Dept. of Dentistry, National Yang-Ming Chiao-Tung University](#)

📅 Sept. 2014 – Present

📍 Taipei, Taiwan

🏛️ GPA: 2.4/4.3

## EXPERIENCE

Clerk | [Taipei City Hospital Yang-Ming Branch](#)

📅 June – Sept. 2020

📍 Taipei, Taiwan

👨‍⚕️ Dental Medicine

Research Intern | [Dept. of Biomedical Engineering, Johns Hopkins University](#)

📅 June 2018 – Sept. 2018

📍 Baltimore, USA

🖼️ Microscopic Image Analysis

## PACKAGES

[FindSteadyStates.jl](#) : Multi-threaded Steady-state Explorer | |

[PotentialMap.jl](#) : Potential Map with A-type Integration |

[EstimHill.jl](#) : Ultrasensitivity Analysis Toolbox |

## PUBLICATION AND INVENTION

Understanding the System Dynamics of Mitochondrial Retrograde Signaling from a Differential Equation-based Framework |

👥 Shao-Ting Chiu and An-Chi Wei

📄 ICSB 2019 (Oral)

📍 Okinawa, Japan

The Influences of Mitochondrial Depolarization on Mitochondrial Network Structures |

👥 Shao-Ting Chiu, Jun-Yi Leu, An-Chi Wei

📄 BMES 2018 (Oral)

📍 Phoenix, USA

A Spectral Information Coding System for the Visually Impaired |

👥 Shao-Ting Chiu and Yi-Hsuan Wu

📄 Patent ID: 106129729

📍 Taiwan