

# SHAO-TING STEVEN CHIU

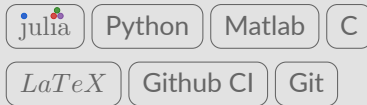
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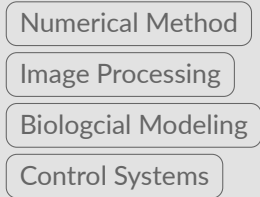
📍 New Taipei City, Taiwan

🌐 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

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

## COURSES

Data Structure and Algorithm

🏠 CSIE 1212

Medical Image Analysis

🏠 DBME7019

Modeling and Simulation in

Systems Biology

🏠 BEBI5009

## 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