

Thierry Juang

347-944-8055; ThierryJ@buffalo.edu

Education

The State University of New York at Buffalo <i>Bachelor's of Science in Biomedical Engineering and Computer Science</i> • Overall GPA: 3.809/4.000 — Dean's list	Buffalo, NY Graduating May 2024
---	---

Work Experience

Jacobs School of Medicine — Lab of Dr. Marc Halfon <i>Student Research Intern</i> • Obtained data using machine learning programs and wrote Python scripts to calculate statistical significance of said data.	Buffalo, NY July 2021 - October 2021
---	--

HiOperator <i>Customer Service Representative</i> • Entered customer interaction details in Zendesk, LiveAgent, Stripe, and other third-party software to track requests, document problems and record solutions offered, for five unrelated companies. • Used company troubleshooting resolution trees to evaluate technical problems while leveraging personal expertise to find appropriate solutions. • Analyzed customer service tickets to pinpoint issues companies faced and suggested preemptive resolutions.	Buffalo, NY February 2019 - August 2019
---	---

Roswell Park Comprehensive Cancer Center — Lab of Dr. Katerina Gurova <i>Student Research Intern</i> • Planned and conducted concurrent experiments with PhD students and independently. • Attained proficiency in lab protocols such as western blots, PCR, cell culturing, transfection, and electrophoresis. • Well versed in lab chores such as cleaning vacuum traps, aliquoting, solutions restocking, and racking pipette tips.	Buffalo, NY January 2015 - June 2018
---	--

Jacobs Institute <i>Student Intern</i> • Learned to use and performed demonstrations on VIST Lab G5 minimally-invasive surgery simulator.	Buffalo, NY June 2017 - August 2017
--	---

Achievements

Winner of UB Blackstone Launch Summer Accelerator • Won my team \$1250 in funding by pitching our idea after an eight-week program learning skills to begin a successful venture.	Summer 2020
---	-------------

Published as Second Author in Peer Reviewed Journal • Second author of “Uncovering the fine print of the CreERT2-LoxP system while generating a conditional knockout mouse model of Ssrp1 gene,” published in the peer-reviewed journal PLOS ONE (June 2018). DOI: https://doi.org/10.1371/journal.pone.0199785	June 2018
--	-----------

Intel International Science and Engineering Fair (ISEF) Finalist • Participant in the International Science and Engineering Fair after winning the Western New York Region science fair.	May 2017
--	----------

Extracurricular Experiences

UB Leadership House • Mentor in Leadership House, guiding freshmen through various programs and managing a \$2,000 budget.	August 2019 - Present
--	-----------------------

UB Symphony Orchestra • Currently Assistant Concertmaster of UB Symphony Orchestra.	August 2019 - Present
---	-----------------------

Vice President of UB Boxing Club • Help to organize events for UB Boxing and fill in any administrative tasks fellow board members do not complete.	August 2021 - Present
---	-----------------------

Member of the Service Fraternity Alpha Phi Omega • Participate in events to develop Leadership, promote Friendship, and provide Service.	April 2022- Present
--	---------------------

National Outdoor Leadership School (NOLS) — Wind River Wilderness • Backpacked 116 miles over 28 days with a pack weight of 50 pounds in the Wyoming Wind River mountain range. While learning about leadership styles and applying related problem-solving skills.	August 2018
---	-------------

Greater Buffalo Youth Orchestra (GBYO) • Toured as a first violinist playing orchestral repertoire in Prague, Salzburg, and Vienna, including at Dvořák Hall in Prague.	September 2015 - May 2018
---	---------------------------

Additional Information

Skills: Conversational Mandarin, Conversational Spanish, Microsoft Office Suite proficiency, basic fluency with Matlab, Python, Javascript, and html