Michelle Quynh Nhu Tran
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EDUCATION
College of Natural Science & Mathematics, University of Houston, Houston, Texas
Bachelor of Science, Computer Science & Mathematics, May 2019
Minor in Leadership Studies & Politics and Ethics
The Honors College
Cumulative GPA: 3.83/4.00

WORK EXPERIENCE
Information Technician   January 2016-Present
Honors College, University of Houston
- Test and manage software deployment for all computers within the college
- Repair technology issues as they arise
- Maintain ticketing and documentation system for repairs

RESEARCH EXPERIENCE
Intrepid Writing to Inspire Successful Education Program Evaluation   Summer 2016-Present
Bonner Leaders Program, University of Houston
Intrepid Writing to Inspire Successful Education (iWISE) is a mentoring and writing tutoring program for seventh graders at KIPP Intrepid Preparatory School to address deficiency in writing skills for seventh grade students. iWISE provided students with support in the form of bi-weekly individualized feedback videos.
- Formed the Data Team to incorporate a research and analytics component to the community service project
- Written requests for Institutional Review Board approval and coordinated with school to access data
- Responsible for data management and data analysis with faculty assistance
- Preparing written results in APA style suitable for submission for publication

Galapagos Research Experience   Summer 2016
University of San Francisco in Quito, San Cristobal Island, Ecuador
- Identified and quantified sea turtle foraging habitat and how it is used by the turtles using image recognition software
- Quantified the impact of sea urchin foraging on diversity in shallow bays
- Studied relationships between behavior of introduced dogs and viral diseases in sea lions
- Established baseline data for kestrel nesting habitat restoration
- Developing high-school curriculum to educate students on evolution, ecology, and conservation

LEADERSHIP
Student Leader   Fall 2015-Present
Bonner Leaders Program, University of Houston
The Bonner Leaders Program is a service learning organization dedicated to providing developmental and educationally meaningful service opportunities for students aimed at alleviating factors contributing to poverty.
- Submitted a grant proposal and attended the 2016 Clinton Global Initiative University; earned funding to develop an ex-juvenile delinquency educational re-entry program at a local high school
- Ran a workshop at the 2015 Bonner Congress with approximately 500 in attendance
- Developed a mentoring program to increase student retention among freshmen within the Bonner Leaders Program
- Tutor and mentored local KIPP Intrepid seventh graders in writing and reading through the use of bi-weekly feedback videos through the Writing to Inspire Successful Education (WISE) Program; the program raised the school-wide commended rate on state-mandated standardized writing test from 3 percent to 16 percent from 2014 to 2015, surpassing the state average of 13 percent
- Leading the expansion of the WISE Program to a second school KIPP Liberation

Ambassador   Summer 2016-Present
College of Natural Science and Mathematics, University of Houston
The College of Natural Science and Mathematics Ambassadors is a group of students chosen to represent the college and assist with the recruitment and retention of students within the college.

- Presented college highlights at recruitment events with up to 300 attendees
- Attended official dinners and alumni events for college fundraising
- Serve on a panel to advise the dean and staff on actions to increase student engagement

Treasurer   Spring 2016-Present
Computer Science Girls, University of Houston
Computer Science Girls is a networking, training, and support organization with the focus on promoting women in technology.

- Handled large sums of money for membership applications and hackathon registrations
- Maintain correspondence with tech companies in the Houston Area and organize internship/career meetings for members
- Represented the University of Houston in the 2016 Grace Hopper Women in Computing Conference

HONORS AND AWARDS
Dean's List, Fall 2015, Spring 2016
Houston Scholars Program, a UH scholar enrichment program, 2016
University of Houston, Academic Excellence Scholarship Award, 2015
University of Houston College of Natural Science & Mathematics Scholarship Award, 2015
Houston Livestock Show and Rodeo Metropolitan Scholarship Award, 2015
Society of Women Engineers-Houston Area Scholarship Award, 2015

SKILLS
Programming languages: C/C++, Java, MIPS, MATLAB, R
Software: Microsoft Word, PowerPoint, Excel
Operating systems: Windows, Mac OS, Linux (Ubuntu)
Languages: Fluent in Vietnamese, some Spanish