

# Hieu Xuan Pham

Hpham2016t@utexas.edu

UT EID: hp7525

## Education

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**Austin Community College**, Austin, TX

*August 2016 - May 2019*

*Associate of Science in pre-medical studies*

**Texas State University**, San Marcos, TX

*August 2019 - December 2019*

*Bachelor of Science in Biology, Minor in Cello Performance*

**University of Texas at Austin**, Austin, TX

*January 2020 - Present*

*Bachelor of Science in Microbiology and Immunology*

## EXPERIENCE

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**St. David's North Austin Medical Center**, Austin, Tx

August 2017 -  
Present

*Host (8-12 hrs per wk/52 wks per yr)*

- Responsible for catering high volume of food service to patients in the hospital.
- Check food for accuracy prior to delivery to the rooms.

## ACTIVITIES & LEADERSHIP

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**Holy Vietnamese Catholic Youth Group**, Austin, Tx

August 2016-  
Present

*Youth leader/Mentor (2-3 hrs per wk/40 wks per yr)*

- Orchestrated seasonal youth programs including skits, performances, and games for over 70 kids.
- Planned and instructed lessons and activities for a class of 7th graders on a weekly basis.
- Engaged in numerous volunteer tasks, including: cleaning up the atrium, banana leaf washing, and setting up for galas and fundraisers.

**A.S.I.A Foundation**, Austin, Tx

September 2016 - March 2018

*Performer/Volunteer (3-5 hrs per wk/40 wks per yr)*

- Performed and promoted the art of lion dancing at local businesses and marketplaces across town.
- Assisted in the fundraising and distribution of over 5,000 dollars for youth scholarships.

**St. David's North Austin Medical Center**, Austin, Tx

(305 Hours) November 2016- September 2018

*Volunteer (4-7 hrs per wk/52 wks per yr)*

- Managed the front volunteer desk and coordinated fellow volunteer co-workers in performing assistive tasks throughout the hospital.
- Conducted various responsibilities including discharging patients, directing visitors, picking up calls, and witnessing legal signatures.
- Briefed information to patients and visitors regarding hospital regulations, and conveyed concerns to nurses and administrators.

**National Honor Society**, Austin, Tx

September 2015 - June 2016

*Member*

- Engaged in community-oriented volunteer work, such as cleaning up, supervising kids, and fundraising for the sick.
- Participated in over 20 hours of volunteer work per semester ranging from different locations in town (middle school, church, recreational areas) .

## **SKILLS**

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### **Languages:**

Vietnamese: Fluent in speaking, listening, and writing

German: Intermediate in speaking, listening, and writing

### **Certifications:**

Texas Food Handlers Certification

August 2017

## **HONORS AND AWARDS**

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Religious Merit Award, Holy Vietnamese Martyrs Catholic Church

May 2015

Leadership Excellency, National Honor Society

March 2016

A.S.I.A Youth 2017 Scholarship, A.S.I.A Foundation

February 2017

A.S.I.A Youth 2018 Scholarship, A.S.I.A Foundation

February 2018

## **COURSES**

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### **BIO 302: HUMAN HEALTH & DISEASE**

- Learned new techniques on data acquisition for research including source evaluation and work citation.
- Collaborated with a team of five classmates to design and execute a semester long project on the effects of addiction and process of recovery. Project included the completion of a Lt lesson (interactive teaching module) and presentation to class.

### **SDS 328: BIOSTATISTICS**

- Learned about statistical elements and how to interpret scientific data.
- Introduced to bioethical principles that are relevant to all scientific experiments and on ways to apply them to research.
- Acquired fundamental techniques in R programming (i.e graphical visualizations, test of significance, statistical modeling) with 1-hour labs every week.
- Practiced learned statistics on both theoretical applications and real-life problems.
- Conducted a final project on UT students' weekly time for extracurricular activities based on their housing conditions and work week. Project included a self-designed survey, poster, and presentation.

### **SDS 348: COMPUTATIONAL BIOLOGY AND BIOINFORMATICS**

- Expanded knowledge of R with advance techniques for visualizing graphs, manipulating datasets, and modeling data using new programs such as dplyr and ggplot.
- Introduced to new statistical tests including PAM, PCA, logistic regression, MANOVA and PERMANOVA.
- Practiced statistical interpretations on biological applications.
- Introduced to python fundamentals which includes operations on graphical visualizations, coding syntax, and statistical summaries.
- Conducted three projects which involved modeling statistics from a cross sectional study done on Insurance of Vietnamese Individuals. All three projects included a detailed report and presentation of data and findings.
- Introduced to and practiced with Biopython on data acquired from the National Center for Biotechnology Information (NCBI).