

# VICTOR MAO

2800 Waterview Pkwy, Apt. 5714, Richardson, TX 75080  
(724) 516-5417 | U.S. CITIZEN  
[victor.mao@utdallas.edu](mailto:victor.mao@utdallas.edu)  
[www.victormao.com](http://www.victormao.com)

## EDUCATION

JANUARY 2019 – MAY 2020, 1.5 YEARS

**M.S. INFORMATION TECHNOLOGY AND MANAGEMENT (FAST TRACK PROGRAM),**

UNIVERSITY OF TEXAS AT DALLAS

AUGUST 2016 – MAY 2019, 3 YEARS

**B.S. COMPUTER SCIENCE (HONORS PROGRAM),** UNIVERSITY OF TEXAS AT DALLAS

*GPA:* 3.87/4.00. *Current Coursework:* Operating Systems, Advanced Algorithm Design and Analysis, Artificial Intelligence, Introduction to Machine Learning, Computer Networks, Principles in Geospatial Information Sciences.

## WORK EXPERIENCE

SUMMER 2018, 11 WEEKS

**SOFTWARE DEVELOPER INTERN,** AUTOMATED HEALTH SYSTEMS (Pittsburgh, PA)

Participated in daily scrum meetings, gathered requirements and created user stories for Premium Collection facelift project, developed new modals for Premium Collection project, improved search data export tool from 50 results to 50,000 results, fixed bugs in 4 different projects, created new and updated existing reports, wrote and executed test cases for new Enrollment Wizard, and performed regression testing for new Enrollment Wizard release.

AUGUST 2017 – PRESENT, 2 YEARS

**PHYSICS PEER TUTOR,** UNIVERSITY OF TEXAS AT DALLAS

1 of 8 students selected to tutor the subjects of algebra and calculus-based physics for both Mechanics and Electromagnetism & Waves. Working 9-12 hours per week and consistently teaching 50+ students per a week.

SUMMER 2017, 13 WEEKS

**CONFERENCE ASSISTANT,** UNIVERSITY OF TEXAS AT DALLAS

1 of 8 peer advisors selected to lead and service over 500 summer guests staying at a UTD Residence Hall.

## ACTIVITIES AND AWARDS

- **AUGUST 2018**, 3 weeks of **STUDY ABROAD - LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE**  
A+ mark in Introduction to Data Science and Big Data Analytics. Used R and RStudio to manipulate, model, and interpret data.
- **AUGUST 2017**, 1 week of **CAPITAL ONE SOFTWARE ENGINEERING SUMMIT** in Washington DC  
1 of 36 students selected (from 400+) to participate in software engineering workshops and a 24-hour hackathon and pitch to Capital One software engineers and executives.
- **AUGUST 2016 – PRESENT, UT-DALLAS MEN'S ULTIMATE FRISBEE, A-TEAM CAPTAIN** (MAY 2017 – PRESENT)  
Increased club membership from 25 members to 60 members. Awarded "Club of the Year" in May 2018. Led team to first-ever North Texas Section D1 championship title in 2018. Ranked 26<sup>th</sup> in the nation in 2018.
- **AUGUST 2016 – MAY 2020, UT-DALLAS NATIONAL MERIT SCHOLARSHIP RECIPIENT**

## TECHNICAL SKILLS

- Java, C/C++, Python, C#, R
- Visual Studio 2017, VB.NET, ASP.NET, MS SQL Server, VSTS, SSMS, SSRS, VS Code
- HTML, CSS, JS, SQL, PHP, Flask, Django, Heroku, Bootstrap
- RStudio, Android Studio, Adobe Premiere, QuantumGIS, Eclipse, GIMP 2, Inkscape, Audacity, Virtual DJ, Unity3D Game Engine
- Raspberry Pi, Arduino, Git, Linux, PuTTY, WinSCP, Agile Scrum

**PROJECTS** – visit [www.victormao.com](http://www.victormao.com) or <https://vmao19.github.io/vmao19/>