

VICTOR MAO

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Seeking a full-time Software Engineer position starting May 2020.

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS

01/2019 – 05/2020, **M.S. INFORMATION TECHNOLOGY AND MANAGEMENT** - Fast Track Program

08/2016 – 05/2019, **B.S. COMPUTER SCIENCE** - Honors Program, GPA 3.88/4.00, Magna Cum Laude, CV Honors

INTERNSHIPS

SUMMER 2019, 9 WEEKS

CHARLES SCHWAB, SOFTWARE DEVELOPER INTERN (Westlake, TX)

SUMMER 2018, 11 WEEKS

AUTOMATED HEALTH SYSTEMS, SOFTWARE DEVELOPER INTERN (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.

ACTIVITIES AND AWARDS

- **01/2019 – 05/2019, SENIOR CAPSTONE PROJECT** – First Place Project at CS Expo '19
Drivelytics 2.0: Algorithm and user experience improvements to iOS Telematics mobile application to improve customer retention and encourage overall better driving habits. Sponsored by State Farm.
- **08/2017 – 05/2019, 4 semesters of PHYSICS PEER TUTOR**
1 of 8 students selected to tutor the subjects of algebra and calculus-based physics for both Mechanics and Electromagnetism & Waves. Worked 9-12 hours per week and consistently taught 50+ students per week.
- **08/2018, 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. Participated in a series of educational programs led by world-renowned thinkers.
- **08/2017, 1 week of CAPITAL ONE SOFTWARE ENGINEERING SUMMIT** in Washington D.C.
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.
- **05/2017 – 08/2017, 13 weeks of CONFERENCE ASSISTANT**
Worked as a peer advisor for over 500 summer guests staying at UTD Residence Hall Northwest.
- **08/2016 – PRESENT, UT-DALLAS MEN'S ULTIMATE FRISBEE, A-TEAM CAPTAIN (MAY 2017 – MAY 2019)**
Increased club membership from 25 members to 65 members. Awarded "Club of the Year" in 2018.
Led team to two North Texas Section D1 championship titles in 2018/19. Ranked top 30 nationally in 2018/19.
- **08/2016 – 05/2020, UT-DALLAS NATIONAL MERIT SCHOLARSHIP RECIPIENT**

TECHNICAL SKILLS

- Java, C/C++, Python, R, VB.NET
- VS 2017, VSTS, SSRS, VS Code
- SQL, MS SQL Server, SSMS, MySQL, MySQL workbench
- Git, HTML, CSS, Flask, Django, Heroku, Bootstrap
- Eclipse, RStudio, Android Studio, QuantumGIS, ArcGIS
- Adobe Premiere Pro, GIMP 2, Inkscape, Audacity, Virtual DJ
- Raspberry Pi, Arduino, Linux, PuTTY, WinSCP, VirtualBox, Agile Scrum

PROJECTS – visit www.victormao.com or <https://vmao19.github.io/vmao19/>