

# SOREN COBB

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## EDUCATION

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The University of Texas at Austin	Bachelor of Science and Arts in Biology, Honors: Health Science Scholars  Minor: Business  Cumulative GPA: 3.91 Science/Math GPA: 3.97	Spring 2020
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## EMPLOYMENT EXPERIENCE

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### Physical Health Institute of Texas - *Houston, Texas*

May 2015 - August 2015, May 2016 - August 2016

- 200+ total hours assisting Dr. Contreras and Dr. Adolf
- Interpreted and documented patient medical history

## RESEARCH EXPERIENCE

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### Accelerated Research Initiative: Virtual Cures Stream - *University of Texas*

January 2018 - May 2018

- 8+ hours a week using both wet lab and virtual lab techniques
- Experience using X-ray crystallography data and drug screening software, such as GOLD Virtual Screening, in search of novel drug ligands
- Pursuing new anti-bacterial ligands to treat a wide variety of diseases including bubonic plague, listeria, and more

### TIDES Summer Research Fellowship - *University of Texas*

June 2018 - August 2018

- 20+ hours a week using both wet lab and virtual lab techniques
- Conducting thorough drug discovery experiments on multiple drug targets, specifically the D:Alanine-D:Alanine Ligase of *Mycobacterium Tuberculosis* and the Tyrosine Phosphatase of *Yersinia Pestis*

### Health Science Scholars Honors Capstone Project - *University of Texas*

September 2018 - Current

- 10+ hours a week
- Drug discovery project aimed at combatting the gradual progression of resistance amongst multiple drug-resistant (MDR-TB) or extensively drug-resistant (XDR-TB) strains of *Mycobacterium Tuberculosis*

## SERVICE EXPERIENCE

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### College Volunteer Intern at St. David's Medical Center - *Austin, TX*

January 2018 - Current

- 40 hours volunteering in Atrium Gift Shop
  - Developing strong customer and patient interaction skills
  - Coordinating sales and gift deliveries to patients
- 103 hours volunteering as an ICU Unit Aide
  - Assisting nursing staff in maintaining adequately stocked and organized patient care units, and delivery of lab test samples and paperwork

**UT American Medical Student Association Volunteer Projects - Austin, TX**

August 2017 - December 2018

- 2 hours a week
- Projects include volunteer service at the Q AIDS Services of Austin, Condom Distribution Network, Health Anonymous Plasma Donor Registry, Central Texas Food Bank, St. David's Hospital, and more

**LEADERSHIP EXPERIENCE AND ACTIVITIES**

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**UT American Medical Student Association - Active Member**

August 2017 - December 2018

- Academic Mentor (August 2018 - December 2018)
  - Advising freshmen members with introductory courses, degree plans, and study strategies, as well as ensuring they meet the pledge requirements

**UT Kappa Sigma Fraternity - Active Member**

September 2016 - Current

- Assistant Academic Chairman (November 2017 - November 2018)
  - Mentoring potential new members in meeting academic requirements, arranging career-oriented study groups, and providing preparatory course scholarships for graduate school entrance exams
- Co-Philanthropy Chairman (November 2018 - Current)
  - Organizing charity events such as The Tau Open charity golf tournament benefitting the Nicky Cumberland scholarship fund, and Horns for Heroes supporting the Military Heroes Campaign
  - Arranging service events such as volunteering at the Kids Matter "Around The Block" clothing drive, providing holiday cards for St. David's Children's Hospital, and more

**HONORS**

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**Health Science Scholars Honors Program - Active Member**

August 2017 - Current

- Additional volunteer experiences at Stonebriar Nursing Home, March for Babies, and more
- Capstone Experience: Drug discovery independent research project

**Alpha Phi Sigma Pre-Health Honor Society - Active Member**

August 2017 - December 2018

- Additional volunteer experiences at Longhorn Halloween, Mathews Elementary, "Feed My People" Food Drive, Central Texas Food Bank, and more

**ADDITIONAL INFORMATION**

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**Computer Skills:** R, UCSF Chimera, PyMol, GOLD Virtual Screening

**Other Interests:** Short Film & Music Production, Biking