

# Steven (Jongho) Yoo

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## EDUCATION

<b>The University of Texas at Austin</b>	Bachelor of Science and Arts; Biology Certificates: Elements of Computing, Business of Healthcare Overall GPA: 3.93/4.00 Certifications: LinkedIn Learning Python, Google Data Analytics Relevant Coursework: Elements of Computers and Programming, Elements of Data Science, Computational Biology	<b>December 2023</b>
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## EXPERIENCE

<b>Hope Biosciences Stem Cell Research Foundation</b> <i>Clinical Data Management Intern</i> ; Sugar Land, TX	<b>June 2022 - August 2022, December 2022 - January 2023</b>
<ul style="list-style-type: none"><li>Responsible for overseeing stem cell clinical trial data of 150+ participants across 7 different studies to ensure proper documentation</li><li>Initiated a more streamlined documentation process to reduce errors by 25% through daily verification and standardization practices</li><li>Collected and analyzed participant data throughout clinical trial phases I – IV for statistical evaluation vital for research publications</li><li>Developed 3 datasets approved by the FDA and IRB for patient data collection of future studies such as <i>SLE</i> and <i>Psoriatic Arthritis</i></li></ul>	
<b>The University of Texas at Austin Population Research Center</b> <i>Data Management Research Assistant Head - Project SEED</i>	<b>July 2021 - January 2022</b>
<ul style="list-style-type: none"><li>Administered the input and organization of 250+ participant data and completed checklists to verify accuracy of the data collected</li><li>Restructured the data organization of 500+ participant data, sorting by classification to increase data input time efficiency by 30%</li><li>Supervised a team of 3 data management RAs, mentoring biweekly meetings to offer feedback and guidance to meet their timelines</li><li>Consulted with the research professor, scheduling weekly meetings to review data, discuss potential risks, and prepare future plans</li></ul>	

## ACADEMIC PROJECTS

<b>Wells4Life Business Model – Social Entrepreneurship II</b> <i>Semester-long project with the purpose of creating a socially empowering and sustainable business</i>	<b>January 2023 - Present</b>
<ul style="list-style-type: none"><li>Discovered correlations of 110+ survey respondents by utilizing R and <i>pandas</i> to determine key metrics for the company's success</li><li>Modeled a metrics dashboard to visualize the current status of the company across 15 different metrics to direct resource allocation</li><li>Conduct weekly presentations in a 5-member team to outline the company's factors for success and evaluate long-term sustainability</li></ul>	
<b>College Degree Analysis – Elements of Data Science (<a href="#">Project Link</a>)</b> <i>Research project aimed at investigating which college major is best to pursue</i>	<b>February 2023 - March 2023</b>
<ul style="list-style-type: none"><li>Extracted data from the U.S. Census Bureau and Bureau of Labor Statistics to collect accurate population data for valid conclusions</li><li>Utilized the <i>tidyverse</i> package of R for data wrangling to digest the raw census data into manageable tabulated forms for analysis</li><li>Visualized the trends of salary distribution, salary growth, and unemployment across 16 major categories and 173 college degrees</li><li>Addressed the proposed research questions by analyzing visualizations of datasets containing 30,000,000+ individual observations</li></ul>	

<b>Phylogenetic Analysis - Computational Biology</b> <i>Research project aimed at analyzing the evolutionary correlation of specific genes to the phylogeny of species using data statistics</i>	<b>February 2022 - May 2022</b>
<ul style="list-style-type: none"><li>Extracted the genetic sequences of <i>ATG5</i>, <i>BECN1</i>, and <i>RAB7A</i> genes associated with autophagosome assembly using the BLAST software across 20 different species; each gene consisting of 200+ amino acids from the NCBI data repository storing the genomes</li><li>Created visual models of the cleaned data utilizing PCoA plots, distance matrices, and cladograms with R and MEGA11 software</li></ul>	

## LEADERSHIP AND OTHER ACTIVITIES

<b>ACTS Fellowship Church – Lighthouse Leader</b>	<b>December 2021 - Present</b>
<b>UT Men's Soccer – Member (Player)</b>	<b>February 2023 - Present</b>
<b>UT Dell Seton Medical Center &amp; Ascension Seton Medical Center - Volunteer</b>	<b>January 2021 – December 2022</b>

## HONORS

College of Natural Sciences Honors (2x)	<b>Spring 2022, 2023</b>
University of Texas College Scholar (2x)	<b>Spring 2022, 2023</b>

## ADDITIONAL INFORMATION

**Computer Skills:** Microsoft Office Suite, Python, R, SQL  
**Languages:** Fluent in Korean, Limited Proficiency in Spanish  
**Work Eligibility:** Eligible to work in the U.S. with no restrictions