

# Daisuke Data Science

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## EDUCATION

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**The University of Texas at Austin**, Austin, TX May 2020  
Bachelor of Science in Biology, Computational Biology, GPA 3.4

- **Relevant Coursework:** Linear Algebra, Elements of Computer Programming, Systems Biology and Bioinformatics

## TECHNICAL SKILLS

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- Proficient in Python and Excel; Familiar with R; Exposed to SQL

## DATA SCIENCE EXPERIENCE

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**Merck & Co.**, Kenilworth, NJ May 2020 – August 2020  
*Data Science Intern*

- Utilized Tealium (tag manager) and Google Analytics to track web data on all (100+) U.S. and Latin American based domains
- Created dashboards in Google Data Studio for marketing and sales teams to leverage meaningful metrics into strategic decisions for their campaigns
- Executed 500+ tests to identify optimization strategies to lighten Merck website load times while still tracking needed data
- Built 8 standardized tag libraries as part of a total standardization rebuild of Merck U.S. based domains

**Austin Sports Medicine, Orthopedics**, Austin, TX May 2019 – December 2019  
*Data Analyst Intern*

- Utilized SRS Health Intelligent Data Solutions to file patient paperwork and assisted with healthcare analytics
- Reviewed and validated accuracy of charges, including ICD-9 and CPT codes for service provided to file Superbills
- Trained new employees to manage records, medical charts, and procedure reports for 7 physicians via a digital filing system

**Department of Biological Sciences, The University of Texas at Austin**, Austin, TX May 2018 – August 2018  
*Undergraduate Research Assistant*

- Utilized bioinformatics and RNA-Sequencing software in analyses of physiologically relevant datasets to locate genes of interest, such as those that induce tumorigenesis
- Created poster and presented project at end of summer undergraduate research forum

## PROJECTS

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**SARS-CoV-2 Publication Search Engine** Spring 2020

- Created search engine with Bio python to search for and extract key words from SARS-CoV-2 publications
- Analyzed the proportion of different drug key words to prioritize potential coronavirus vaccine candidates

## TEACHING EXPERIENCE

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**Biology Instructional Office, The University of Texas at Austin**, Austin, TX August 2019 – May 2020  
*Genetics Undergraduate Teaching Assistant*

- Assessed 100+ students' progress throughout the term and worked closely teaching assistants to efficiently plan and coordinate work
- Facilitated learning within student discussions by assessing student understanding and asking guiding questions
- Adopted interactive pedagogies which led to increase in 30% of student attention span