**EDUCATION BACKGROUND**

**University of Colorado Boulder Expected Graduation: Dec. 2021**

Bachelor of Science, Information Science Minor in Technology, Arts and Media 3.88/ 4.00

Honors: Dean’s List in 2018, 2019, 2020, 2021

Reilly News Ed Scholarship-CMCI 2021

Excellence in 2020-2021 Academic achievement-DIAN 2021

**Graduate Record Examination**: Verbal: 167 Quantitative: 169 AW: 3.5 Total: 336+3.5

**RELEVANT EXPERIENCE**

**Business Data Analyst**

Alphabet – Google – Department of Data Analysis Oct. 2021 – Present

* In charge of business data-based predication project. Applying KMV to design a mathematical model for credit of a public-traded company, and the model is used for predicting forthcoming trendy in credit changes.
* Took in-depth part in Google’s analytics, making full use of Google Search Engine data to generate business insights for expanding business while offering motivations and inspirations for business owners.

**U.S. COVID-19 Big Data Visualization** Feb. 2021 – May 2021

University of Colorado Boulder Boulder, CO, US

* Redesigned the Covid-19 visualization by using interactive design, explored new visualization tool beyond class, analyzed the important features that might cause the pandemic spread.

**Machine Learning with Application of NLP** Aug. 2020 – Dec. 2020

University of Colorado Boulder Boulder, CO, US

* Examined the relation of the AI training model between stop words text and clean text.
* Formed results by CountVectorizer and TfidVectorizer and completed an error analysis in the end.

**Ubiquitous Design** Aug. 2020 – Dec. 2020

University of Colorado Boulder Boulder, CO, US

* + Mastered the development and theorization of a potential ubicomp device.
  + Designed the prototype by incorporating different ubiquitous technologies and considered design constraints.

**Data Science of Criminal Study** Aug. 2020 – Dec. 2020

University of Colorado Boulder Boulder, CO, US

* Analyzed data from City of Colorado and discovered the relationship between county’s crime rate and the number of cross-state trip in Colorado.
* Used data visualization as a guide and contrived an answer to when was the safer time for Colorado citizens to leave the state.

**Information Science with Application** Aug. 2018 – Feb. 2019

University of Colorado Boulder Boulder, CO, US

* Based on primary research of city governance issues, took interviews and observation methods to collect first-hand materials on public reflection on the issues.
* Operated with the City of Boulder, providing solutions such as a warning system for the underpasses, warning signs on blind corners clear reflective boundaries for multi-use path safety.

**WORK EXPERIENCE**

**Assistant in Advanced Python Class** Aug. 2021 – Present

University of Colorado Boulder Boulder, CO, US

* Answering students’ questions, helping professor grade any assignments, capable to deal with emergency

**Lab Assistant in Fundamental Python Class** Feb. 2020 – May 2020

University of Colorado Boulder Boulder, CO, US

* Designed the program to dig and analyzed data for solving the most common words in movies sorted by different genres are the same or not question individually.
* Technical teach of Python and research assistant for administration weekly recitation.

**TECHNICAL SKILLS**

**Technical**: R, Java Script, Python, SQL, Adobe, HTML, CSS, Matlab, Microsoft suites.