Katherine Li

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katherineeli.github.io | katherineeli.myportfolio.com

Education

University of North Carolina at Chapel Hill — Aug 2018 – May 2022

- o Bachelor of Science Major in Computer Science — Cumulative GPA: 3.77/4.0
- o Double Minor in Information Systems and Statistics and Analytics

Coursework

Computer Science:

Foundations of Programming, Discrete Structures, Multivariable Calculus, Computer Organization, Data Structures, Models of Languages and Computation, Algorithms and Analysis, Introduction to Robotics, Files and Databases (upcoming), Modern Web Programming (upcoming)

Information Science:

Foundations of Information Science, Text Mining, Tools of Information Literacy, Information Systems Analysis and Design (upcoming)

Relevant Experience

Technical Intern, JMP Division at SAS Institute – Cary, NC — May 2020 – Aug 2020

- o Built data connectors with HTTP Request and JSL to integrate JMP with other databases for data manipulation and accessibility including The World Bank, US Census Bureau, and BigQuery
- o Developed connection between OneDrive and JMP to allow users to authenticate their account, obtain and open JMP files

Research Assistant, Ryoo Lab – UNC School of Education — Aug 2019 – Mar 2020

- o Designed and tested educational programs to be used in low-income middle schools for culturally and linguistically diverse students
- o Collected data from middle school classes to measure the proficiency of students and evaluate improvements for the programs

Projects

RealTalk CMS, CS + Social Good – UNC - Chapel Hill — Jan 2020 – Apr 2020

- o Designed wireframes for list views and reports displays for the RealTalk webapp owned by MyHealthEd, Inc. using Figma to optimize the visual design and usability

Additional Experience

Cultural Chair, Chinese Undergraduate Students Association – UNC - Chapel Hill — Nov 2018 – Present

- o Organize logistics for annual Chinese New Year Banquet, Mid-Autumn Festival, and other cultural events for undergraduate students in the university

Skills

Technical:

- o JavaScript, Java, Python, C, HTML/CSS3, Git, React.js, SAS, JMP Scripting Language (JSL)
- o Figma, Postman, Adobe Creative Cloud (Photoshop, Lightroom, Illustrator, Premiere Pro)

Language: English, Mandarin Chinese, Spanish