

# Andrew Keyes

DATA SCIENTIST

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## RELEVANT SKILLS

### TECHNICAL SKILLS

Experimental Design  95%

Research Reporting  95%

Quantitative Analysis  90%

Excel, SPSS, Qualtrics  75%

Content Management  95%

### SOFT SKILLS

Time Management  90%

Data Visualization  95%

Project Collaboration  90%

Originality/ Creativity  95%

Team Cohesiveness  95%

## EDUCATION

**Modesto Junior College, Modesto—**

**Associate of Arts in Psychology**

*June 2018 - May 2020*

**Experience:** Research methods and data analysis. IRB certified group-experiment. Proposed question, designed data collection, created report, shared results.

**Programs/Tests:** Qualtrics, SPSS, ANOVA (One-way, two-way), z-test, f-test

**Member:** Cross Country, Track and field  
2x Dean's List (GPA: 3.7/4.0)

**California State University, Stanislaus,**

**Turlock— Bachelor of Arts in Psychology,**

**Experimental Psychology Concentration**

*August 2020 - May 2022*

**Experience:** Varying data types. Expanded knowledge on human theories in perception, behavior and function.

**Programs/Tests:** Qualtrics, SPSS, Python. T-test (independent samples, paired samples), Pearson's correlation coefficient, Turkey post hoc, Regression

**Member:** 2x Dean's List  
(GPA: 3.8/4.0)

## EXPERIENCE

**Amazon, Stockton – Flexible Associate**

January 2022 - Present

- Large scale business, group-oriented exposure. Analysis of workflow, assist overall operations.

**The Home Depot, Riverbank – Lot Associate**

April 2020 – February 2022

- Inspect store/lot then discuss/solve findings if any problems. Task and customer service-oriented communication skills.

## RESEARCH PROJECTS (IRB Certified)

❖ **The Correlation Between Screen Time and Level of Social Anxiety in College Students —**  
*Social Psychology Research Seminar*

Research presentation with four group members. Explored relationship between time using electronic media and levels of social anxiety. I developed a survey on Qualtrics as captain of data collection and analysis. Survey determined screen time in hours per week, along with assessed social anxiety using a well validated scale. I conducted a Pearson's correlation coefficient with the data using SPSS showing no statistically significant relationship to support our hypothesis; Participants' screen time usage and level of social anxiety are correlated. Further questions should be asked about whether specific technology with screens, as well as the purpose it was used for, has an impact on levels of social anxiety.

❖ **Would You Do it? — Experimental Psychology**  
*Research Seminar*

Examined if time pressure effects decision making running an A/B designed experiment. As Qualtrics captain, I designed two conditions: half participants to limited time, the other half unlimited time. Curated our own decision-making scale to assess decision quality, consisted of 5 situations with answers of varying quality. An independent samples t – test did not support the hypothesis; the timed condition would score lower than the untimed condition. Upon analysis results described the opposite, increase in timed group levels compared to the untimed condition.