

Scot Nielson

Data Science/Analytics Student

Statistics, programming and design student building solutions at the intersection of data, tech and media.

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tscotn.github.io

Education

Brigham Young University, Provo | GPA: 3.75

January 2019 – April 2022

B.S. in Statistics, Data Science Emphasis

Minor in Design Thinking

Experience

Statistics Research Assistant: Podcast Data and Monetization

BYU Department of Statistics

June 2021 – present

- Collected and analyzed data from various resources, including APIs, scholarly journals, and online platforms
- Reporting finding to team in formal and informal presentations as well as over digital communication

Web Developer, Designer

BYU Career Services

August 2020 – present

- Migrating site into Brightspot CMS, built JQuery RSS parser, embedded Tableau dashboards
- Coordinating with faculty and departments to develop informative and user-friendly pages

IT: Software Developer Analyst Intern

Flint Hills Resources, Koch Industries

Summer 2021

- Learned new tools quickly, including Typescript/React to work on apps critical for business operations
- Wrote detailed documentation and memos to facilitate app hand-overs with detailed reports

Projects

- Chess Database Analysis in Google Colab/Python <https://tinyurl.com/3uadf8ww>
- BYUradio CMS/Web Automation Program in Python with Tkinter GUI <https://github.com/tscotn/byuradio-auto-gui>
- “Embroidefy” App in Python with Flask and Heroku <https://embroidefy.herokuapp.com/>

Tools

Python, Flask, Google Colab, R, SAS, SQL, DynamoDB, Spark, Typescript, C++, React, Heroku, AWS Serverless Stack, Azure DevOps, Figma

Skills

Spanish, Regression, ANOVA, Hypothesis Testing, Experiment Design, Wireframing, Communication & Public Speaking, Creativity & Problem Solving, Detail-Oriented, Quick Learner

Achievements & Awards

Together For Greatness Scholarship | BYU Department of Statistics

B. John Garrick Scholarship | BYU College of Physical and Mathematical Sciences

2021 BYU Data Science Club Hackathon – First Place

National Statistics Honorary Society Member | Mu Sigma Rho

Other

Company Outreach Officer

BYU Data Science Club

August 2021 – present

SAS Teaching Assistant

Department of Statistics, BYU

Spring 2020

Student Radio Producer

Top of Mind with Julie Rose, BYUB

January 2019 – August 2020