

Spencer Brown

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EDUCATION

Bachelor of Science—Data Science
Class of 2021
Current GPA: 3.81

Iowa State University

Bachelor of Science—Data Science
Incomplete (2017—2019)
Transfer GPA: 3.714

University of California San Diego

High School
Class of 2017
Graduation GPA: 3.67

Rivermont Collegiate

WORK EXPERIENCE

Undergraduate Research Assistant

August 2020—Present

Iowa State University

Ames, IA

- Scrape Google and Google Maps for restaurant franchise reviews
- Write software to aid in scraping
- Clean and organize scraped data for later analysis

Aisles Online Worker

April 2020—August 2020

Hy-Vee

Bettendorf, IA

- Shopped online orders in-store
- Prepared and organized online deliveries for pickup and delivery
- Loaded online orders into customer and deliver driver vehicles
- Assisted customers in selecting and locating products
- Stocked, organized, and cleaned store when necessary

Cashier

Summer—2019

Crossroads Fireworks

Bettendorf, IA

- Checked out customers at front desk
- Assisted customers in selecting and locating products
- Stocked, organized, and cleaned store when necessary

Tent Manager

Summer—2018

Bellino Fireworks

Bettendorf, IA

- Setup 60x40 ft tent at start of season—arranged tables, products, fencing, signs, etc.
- Relieved night guard at 7am each morning
- Acted as salesman and cashier
- Ensured smooth operation as far as technology, employees, weather, and logistics

- Closed 11pm each night—dismissed employees, made daily deposit, put night guard on duty

RELEVANT COURSEWORK

Math:

- Introductory Calculus, Integral Calculus, Vector Calculus, Differential Equations
- Linear Algebra

Statistics:

- Statistical Methods, Intermediate Statistical Concepts and Methods, Applied Categorical Data Analysis

Programming:

- Python Programming, Data Structures and Algorithms (Java), Database Management Systems, Algorithms for Large Data Sets

Data Science:

- Principles of Data Science, Theoretical Foundations of Data Science I & II, Data Acquisition & Analysis
- Introduction to Machine Learning

SKILLS

Programming/Software:

- Python: NumPy, Pandas, Matplotlib, Scikit-Learn, Seaborn, webscraping (Selenium, BeautifulSoup), NLTK
- R/Rstudio: dplyr, tidyr, stringr, ggplot2, ggmap, R Markdown
- Java/Kotlin
- Matlab
- IntelliJ, NetBeans, PyCharm, VS Code, Jupyter Notebooks
- SQL
- Microsoft Office: Word, Excel, Powerpoint, Outlook
- Git & GitHub
- Linux

Soft Skills:

- Problem solving
- Time management/self-discipline
- Technical explanation to a non-technical audience
- Working independently or in a team