Josiah Kim

josiahkim@psu.edu | 720-840-3471 | 14002 E Tufts Dr. Apt 111, Aurora CO, 80015

OBJECTIVE

High-achieving and passionate student looking to obtain a full-time opportunity in the field of data science and/or data analytics starting in December of 2021 within a firm passionate about improving the state of the world.

EDUCATION

The Pennsylvania State University, University Park, PA   Graduation: December 2021

BS in Social Data Analytics

BA in Philosophy

RELEVANT COURSES

Data Structures and Algorithms	Visual Analytics
Programming Models for Big Data	Privacy and Security for Data Sciences
Analysis of Political Opinion and Political Attitudes	Data Management for Data Sciences
Quantitative Political Analysis	Systems Programming
Programming Techniques	Object-Oriented Programming with Web-Based Applications

EMPLOYMENT EXPERIENCE

Penn State, Research Assistant   June 2021 – Present

- Coordinated with Professor Jeremy Ladd in an empirical study about opposition coalitions and democratization.
- Collected election data using Beautiful Soup, Requests, and Pandas within Python from over 2,900 Wikipedia pages.
- Identified problems within the existing Python and R scripts that reduced efficiency and caused data inconsistency.
- Created a program to assist with manually checking the collected data.

SparkleBNB, CEO/Owner   December 2018 – Present

- Maintained and built relationships with 14 clients looking for short-term rental turnover cleaning.
- Created an extensive screening process consisting of interviews and training to hire qualified individuals.
- Researched, designed, and implemented technical processes to make tasks more efficient.
- Implemented Profit First financial strategies to revenue over $100,000 this year.

Penn State Residence Life, Resident Assistant (RA)   August 2019 – May 2021

- Supervised and consulted 43 first-year students during their day-to-day activities.
- Created and implemented 15 community-building activities.
- Mediated conflict and facilitated resolutions between residents.
- Engaged in conversations about difficult topics with residents.

Designer Shoe Warehouse, Sales Associate   June 2016 – August 2017

Under Armour, Graphic/Web Design Intern   June 2016 – October 2016

TECHNICAL SKILLS

Languages: JavaScript, Scala, SQL, R, C/C+, Java, Python, LaTeX, Bash

Libraries: Requests, D3, Beautiful Soup, Pandas, Matplotlib, ggplot, tidyverse, Hadoop

Software: Git, IllumiDesk, R Studio, IntelliJ, PyCharm, Microsoft Office, Adobe Photoshop, Adobe Lightroom

Databases: Neo4j, MongoDB, Redis, MySQL

Methods: Web Scraping, API, Machine Learning, Regression, Data Analysis, Spark, Big Data Computing, Object-Oriented Design

LEADERSHIP EXPERIENCE

Alpha Rho Chi Fraternity, Advisor   May 2021 – Present

Alpha Rho Chi Fraternity, President   May 2020 – May 2021

Alpha Rho Chi Fraternity, Activities Chairperson   May 2019 – May 2020

Alpha Rho Chi Fraternity, Recruitment Chairperson   May 2019 – May 2020

COMMUNITY SERVICE EXPERIENCE

THON, Contributor/Dancer   September 2018 - Present

Highway Clean-up, Member   October 2018 - Present