

# Josiah Kim

juk483@psu.edu  
720-840-3471

14002 E Tufts Dr. Apt 111  
Aurora CO, 80015

<https://github.com/josiahckim/main>

## 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 January of 2022 within a firm passionate about improving the state of the world.

## EDUCATION

**The Pennsylvania State University**, University Park, PA  
BS in Social Data Analytics; BA in Philosophy

Graduation: December 2021

## RELEVANT COURSES

Data Science Through Statistical Reasoning and Computation  
Data Structures and Algorithms  
Programming Models for Big Data  
Analysis of Political Opinion and Political Attitudes  
Quantitative Political Analysis  
Programming Techniques

Machine Learning for Data Analytics  
Visual Analytics  
Privacy and Security for Data Sciences  
Data Management for Data Sciences  
Systems Programming  
Object-Oriented Programming with Web-Based Applications

## EMPLOYMENT EXPERIENCE

**Penn State**, Research Assistant

June 2021 – August 2021

- 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 each semester.
- Mediated conflict, facilitated resolutions, and engaged in difficult conversations with residents.

**Designer Shoe Warehouse**, Sales Associate

June 2016 – August 2017

**Under Armour**, Graphic/Web Design Intern

June 2016 – October 2016

## TECHNICAL SKILLS

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

**Libraries:** scikit-learn, NumPy, Requests, D3, Beautiful Soup, Pandas, Matplotlib, ggplot2, tidyverse, Hadoop

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

**Databases:** Neo4j, MongoDB, Redis, MySQL

**Methods:** Machine Learning, Regex, Jupyter, Web Scraping, API, 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/Recruitment Chairperson

May 2019 – May 2020

## COMMUNITY SERVICE EXPERIENCE

**THON**, Dancer

October 2020 - February 2021

- Completed a 46-hour, no-sleeping, no-standing dance marathon to raise funds and awareness for pediatric cancer.
- Contributed to Alpha Rho Chi Fraternity's efforts in raising \$10,297 to benefit the Four Diamonds fund.

**Highway Clean-up**, Participant

October 2018 - Present

- Participated in Alpha Rho Chi Fraternity's efforts to maintain cleanliness on an adopted highway every semester.