

# William Powers

Computer Engineer

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<https://github.com/powersthegreat>



## PROFILE

I am undergrad at the University of Kansas studying computer engineering who has a strong interest in data science and small-scale software development. I have completed a number of financial tech data scraping projects as well as am currently working on a Django based web app. My main goal for the future is to learn and experience as many different computing roles as possible in order to become a well-rounded computer engineer.

## PROJECTS

### Gameday Parking Web App

*September 2021 - Present*

Web app created to connect private sellers of parking spaces to buyers on gameday. The idea was created to create a competitive market where incoming tailgaters could find the cheapest parking spot possible. Skills being learned: django framework, microsoft azure integration, github version control, javascript.

### Oscillation-Stacker

*May 2021 - November 2021*

Pulls stock related data from a dynamic javascript loaded site. Sorts then stores the data in Excel sheets, pulls indicator readings from the Excel sheets, then determines which stocks have all indicators in agreement. Skills learned: scraping dynamic pages, dataframes, importing Excel sheets, webdriving dynamic pages.

### Crypto-Scrape

*February 2021 - April 2021*

Uses crypto currency pricing website to scrape coin data for top 100 coins, Stores data and stores in sorted dictionary. Then allows the user to enter a coin name to see specific specifications of that coin. Skills learned: advanced python parsing, html scraping tools, dictionary to excel integration.

## EDUCATION

### BACHELOR OF ENGINEERING

*University of Kansas, 2020-Present*

GPA: 3.85, Academic Honors Program, Significant Courses: Circuits 1 & 2, Programming 1 & 2, Electromagnetics, Calc III.

### HIGH SCHOOL DIPLOMA

*McPherson High School, 2016-2020*

GPA: 3.96, ACT: 32, SAT: 1480, Academic Honors Program 4 yrs., Kansas Honors Scholar 4 yrs.

### CODECADEMY

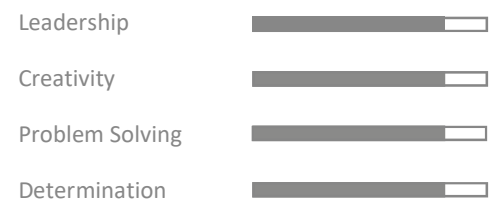
*Online Code Education, 2018-Current*

Took four-week courses in: Intermediate Python, HTML/CSS, C++, Command Line/Powershell, Django, Static Web Development, SQL

## PRO SKILLS



## PERSONAL SKILLS



## REFERENCE

### Dr. Kenneth Demarest

*University of Kansas*

Email: demarest@ku.edu

### Jim Vangothem

*McPherson Electric*

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