

# William Powers

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✉ willampowers@ku.edu | ☎ +1 620-755-8911 | 💻 <https://powersthegreat.github.io>

## Objective

- A quick-learning and results oriented computer engineer undergrad with a fundamental knowledge of software design, implementation, and testing. I have a large amount of experience in data science including mining and visualization techniques as well as two full-stack website development projects. I am very interested in the financial tech domain and am seeking to utilize my educational and project experience in an internship role.

## Experience

### SOFTWARE ENGINEER | UNIVERSITY OF KANSAS RESEARCH

NOV 2022 – PRESENT

- Developing an algorithmic trading platform to be used for building, testing, and deploying fully automated trading systems. The platform includes a large amount of data science work including mining, analytics, and modeling as well architecture design, iteration planning, and other documentation. Future project implementation includes deep learning neural networks to identify underlying trends in collected market data.

### PLC SYSTEMS ENGINEER INTERN | EXPERITEC

MAY 2022 – SEPT 2022

- Developed and installed control systems logic to field instrumentation as a part of process control projects in large manufacturing facilities. Worked as part of a 4-member team to design, develop, and install the underlying logic on plant control loops as well as the graphical interface for operators. Traveled to different plants for IO cutover/installation and worked closely with electricians and PLC programmers from a variety of professional backgrounds.

## Education

### BACHELOR OF SCIENCE | UNIVERSITY OF KANSAS

AUG 2020 - PRESENT

- Major: Computer Engineering
- Cumulative GPA: 3.480
- Achievements: Academic Honors, Engineering Honors, Undergrad Research Award Grant 2022

## Skills & Abilities

### COMPUTING

- Strong understanding of Python, JavaScript, HTML, CSS, git, NodeJS, and web drivers. Intermediate experience with React, Django, Firebase DB and Deployment, embedded system programming in C. Experience creating all required documentation necessary under agile development including all use case, requirement, architecture, iteration plan, test case, and deployment plan artifacts.

### CHARACTER

- Experience leading a small diverse software team through full-stack development. Experience working under and learning from manufacturing plant teams containing a variety of programming contractors and electricians with decades of software/electrical knowledge and application.