

William Powers

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Objective

- A quick-learning and results-oriented computer engineer undergraduate with a fundamental knowledge of software design, development, and testing. Posses experience in 5+ programming languages with high-level skill in Python and JavaScript as well as a variety of other application and technology skills. Seeking to utilize my educational background as well as previous intern and project experience in a software engineering internship role.

Experience

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 I/O cutover and installation and worked closely with electricians and PLC programmers from a variety of professional backgrounds.

SOFTWARE ENGINEER | UNIVERSITY OF KANSAS

MAY 2020 – CURRENT

- Building an individual portfolio back testing application to allow users to test investment ideas across historical and real-time prices as well as implement these ideas through their chosen brokerage. This project includes heavy API integration, processing large amounts of data, building basic machine learning models, and designing/developing a functional user interface utilizing Python's Django framework.

Education

BACHELORES OF ENINGEERING | UNIVERSITY OF KANSAS

AUG 2020 - PRESENT

- Major: Computer Engineering
- Cumulative GPA: 3.63
- Achievements: Academic Honors, Engineering Honors
- Related Coursework: Software Engineering, Embedded Systems, Programming Language Paradigms

Skills & Abilities

COMPUTING

- Advanced Python programming including experience with Django, Selenium, Pandas, and BeautifulSoup HTML parsing. Intermediate C programming with work in DeltaV and similar PLC IDLE's. Intermediate JavaScript, HTML, CSS design experience. GitHub repository storage and version control experience.

CHARACTER

- Experience working in small teams of difference diversity and educational backgrounds. Ability to communicate computer natured information to those of different expertise. Leadership characteristic obtained from working in manufacturing plant teams containing a variety of contractors and electricians of different ages and experience levels.