**JAKE ROGERS**

Lexington, KY | P: 2702304416 | jarog2005@gmail.com | LinkedIn: linkedin.com/in/jake-rogers-engineer |

GitHub: github.com/rakejogers | Portfolio Website: jakerogers.engineer

**EDUCATION**

**UNIVERSITY OF KENTUCKY** Lexington, KY

Bachelor of Science Expected May 2027

Major in Computer Science

Relevant Coursework: Calculus, Physics, Fundamentals of Engineering Computing

Involvement: Green Energy Club Member, SpaceLex Club Member

**GRAYSON COUNTY HIGH SCHOOL** Leitchfield, KY

Weighted GPA: 4.115 Aug 2019 – May 2023

Related Coursework: AP Computer Science, AP Calculus

Governors Scholar Program 2022

**WORK EXPERIENCE**

**GRAYSON COUNTY BOARD OF EDUCATION** Leitchfield, KY

*Technology Summer Camp Teacher*  June 2023

* Led groups of children to program robots through a course and utilize additive manufacturing to prototype
* Collaborated with other camp counselors to design fun and enriching learning activities based of technology
* Communicated with parents about campers' activities and reported concerns and suggestions to supervisor

**MIDPARK INC.** Leitchfield, KY

*High School Engineering Internship* Jan 2022 – May 2022

* Designed drafts using CAD in the workplace
* Analyzed feasibility, design, operation and performance of equipment, components, and systems
* Captured technical schematics for use in project planning and execution
* Communicated blueprints, technical drawings, and reports with higher management

**CODING PROJECTS**

**YOUTUBE VIDEO EXPLAINER** Jun 2023 – Jul 2023

Built a full-stack website which utilizes GPT-3 large language model to explain the transcript of a YouTube video given the link from a user

* Languages: Python, JavaScript, HTML, CSS
* Challenges: Learning how to create an API in Python to communicate with the front-end of the website

**PORTFOLIO WEBSITE**  Jun 2023 – Sep 2023

Developed a frontend website to display a portfolio about myself. Styled it to add a modern appealing feel. Displays my skills, projects, and contact info

* Languages: JavaScript, CSS, HTML
* Challenges: Developing reactive components in CSS and JavaScript

**TECHNICAL SKILLS & CERTIFICATIONS**

**Technical Skills:** Proficient inPython, JavaScript, HTML/CSS, MATLAB, AutoCAD; Advanced in Additive Manufacturing, Mastercam, CNC operation, Blueprint reading

**Certifications & Training:** NIMS (National Institute for Metalworking Skills) certification, A\*S\*K Business Management Certification, Information Technology Certification