Sterling Payton

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Career Objective

To gain practical experience and mentorship in fields pertinent to my studies as a college student as well as developing a professional and personal network of peers. Seeking a role at Turnipseed Engineers for meaningful work while fulfilling these goals.

Education

Georgia Institute of Technology, Atlanta, GA *August 2023 - May 2027 (Expected)*

- Freshman candidate for Bachelor of Science in Mechanical Engineering

Rome High School, Rome, GA *May 2023*

- High School Diploma
- AP Scholar with Distinction
- High Honor Roll

Relative Experience

Experience at MK9 Solutions, Piedmont, AL *May 2022 – July 2022*

- Volunteered as a Veterinary Technician throughout the summer
- Offered a part-time position due to exceptional performance

Babysitting Experience, Cedartown, GA

- Mentored and supervised a 4- and 9-year-old throughout the summer *May 2023 – August 2023*
- Organized transportation, food, and activities for 8 hours a day, 3 days a week

Skills

Practical:	Workshop Tools, Basic Circuitry, CNC Operation
Programming:	Java, Python, MATLAB, Arduino
CAD:	SolidWorks, PhotoView 360, Onshape, Adobe Illustrator
Communication:	Microsoft Office
Extracurriculars:	Yellow Jackets Marching Band, Third Street Financial Coordinator
Certifications:	NOCTI Engineering Technology Certification, CPR Certified

Projects

Collaborative Project Coursework, Georgia Institute of Technology *September 2023 – December 2023*

- Worked in a team of 4 to design and report on a proof-of-concept drone
- Fulfilled requirements for completion predetermined by faculty

Individual Project Coursework, Georgia Institute of Technology *August 2023 – November 2023*

- Worked on a project to utilize mechanical systems
- Designed, printed, and reported on the completed project
- Fulfilled requirements for completion predetermined by faculty

Engineering Capstone Project, Rome High School *August 2022 – December 2022*

- Worked in a team of 4 to design and build a mechanical arm
- Utilized 3-D Printing, Lazer Engraving, and Workshop Tools
- Fulfilled requirements for completion predetermined by faculty