

# Riley Engineer

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## Education

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**University of Pittsburgh - Swanson School of Engineering, Pittsburgh, PA** August 2019 - Present  
Bachelor of Science in Electrical Engineering  
GPA: 3.43

**Gateway High School, Monroeville, PA** June 2019  
High School Diploma with Honors  
GPA: 3.9

## Relevant Coursework

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Linear Circuits and Systems, Digital Logic, Analysis and Design of Electronic Circuits, Digital Lab

## Skills

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**Technical:** Java, MatLab, AutoCAD, C, Microsoft Office

**Lab:** Circuits, Aseptic technique, Gel electrophoresis, Statistical analysis, Lab safety

## Projects

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**Build a Processor Project** April 2020

- Designed a processor emulator using basic logic gates for the MIPS programming language

**ECE First Year Project** November 2019

- Developed a robot who could perform chess unassisted using an ARM M4 Microcontroller and chess engine to communicate
- Created consistent and accurate game of chess using an X-Y-Z method and a camera to track legal movements

## Work Experience

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**Lowe's Home Improvement, Monroeville, PA** September 2018 - Present  
Receiver/Stocker

- Ensure merchandise is properly handled and distributed efficiently
- Unload and transfer merchandise from distribution trucks and stocked at appropriate aisles
- Respond to customer inquiries and assist in item retrieval, ensuring customer satisfaction

**Wendy's, Monroeville, PA** June 2016 - August 2017  
Crew Member

- Greeted customers as cashier and on drive-thru, recording transactions and assisting other crew members with order distribution
- Prepared various food items on the assembly line in an efficient and timely manner
- Performed cleaning maintenance as needed throughout the restaurant

## Activities

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**Institute of Electrical and Electronics Engineers (IEEE), Member** August 2020 - Present  
**Pitt Robotics Club, Member** August 2019 - Present  
**Gateway High School Chess Club, Member** August 2017 - June 2019  
**Gateway High School Robotics Club, Member** August 2016 - June 2019