Garrett Sidle

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EDUCATION

Projected: BS Electrical and Computer Engineering Technology   Aug. 2023 – May 2025
Miami University of Ohio   *Oxford, OH*

Projected: AS Electro-Mechanical Engineering Technology   Aug. 2021 – Nov 2023
Northwest State Community College   *Archbold, OH*

Projected: AS Computer Science Engineering Technology   Aug. 2021 – May 2023
Northwest State Community College   *Archbold, OH*

High School Diploma   Aug. 2017 – May 2021
Holgate High School   *Holgate, OH*

EXPERIENCE

Software Engineering Intern   Dec 2021– Present
Automatic Feed Company   *Napoleon, OH*

- Developed and maintained full stack plant analysis website using ReactJS and NestJS frameworks, enabling the company to analyze plant performance and make data-driven decisions
- Developed full stack internal company website using ReactJS and NestJS, providing employees with access to company analytics and documents
- Developed and maintained multiple HMI dependencies in C, including:
  - Leveler calculator for predicting machine strain and warranty status
  - Starter program for initializing SQL connection and starting HMI
  - SQL updater for writing machine data and analytics to a database
- Troubleshooted and fixed runtime errors between HMI, OPC server, and machines' PLCs
- Provisioned and configured computers to allow application to communicate with OPC server and connect to application database
- Gained hands-on experience in full stack web development, C programming, and troubleshooting industrial systems

Assembly Production Operator   May 2021 – Aug 2021
General Motors   *Defiance, OH*

- Set up and performed assembly operations on components, sub-assemblies, and assemblies.
- Completed quality records, scrap reports and machine logs in a database.

Road Construction Laborer   May 2020 – Aug 2020
S.A. Sidle Construction   *Holgate, OH*

- Used a range of hands tools, power tools and construction equipment to spread both asphalt and concrete.
- Worked with team to safely direct traffic around the work site.

General Farm Hand   June 2016 – Oct 2019
Damman Farms LLC   *Napoleon, OH*

- Helped in construction of grain bins.
- Operated farm equipment, including pallet jacks, forklifts and trucks.

TECHNICAL SKILLS

Languages: Javascript, C#, Python, SQL (MSSQL), HTML/CSS, Java
Frameworks: React, Node.js, Nest.js
Developer Tools: Git, VS Code, Visual Studio, Eclipse
Libraries: Recharts, Material-UI, Bootstrap