Andrew Shamrock

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Newbury Ohio 44065

📱 **440-667-6672**

@ **A.Shamrock4@gmail.com**

KNOWLEDGE, SKILLS, AND ABILITIES

- Lean Six Sigma Green Belt
- Group / Project Management
- Team Leadership
- Teaching and Instruction
- SolidWorks / Solid Edge
- OptiTrack Motive
- Matlab
- LabView
- Visual Studio Code
- Python
- G-code
- Git
- MERN Stack
- HTML5
- CSS3
- Bootstrap
- JavaScript
- jQuery
- AJAX
- JSON
- Node.js
- React.js
- Express.js
- JSX
- NS6
- MVC
- MongoDB
- MySQL

LinkedIn
linkedin.com/in/a-shamrock

GitHub
github.com/ashamrock

PROFESSIONAL EXPERIENCE

March 2017– December 2019
Technologist II • The Lincoln Electric Company • Euclid Ohio

- Managed the design and development of virtual reality weld training computers as well as their components, accessories, and software
- Assisted in the troubleshooting, failure analysis, and repair of faulty equipment
- Initiated significant quality improvements and cost reductions on multiple components through the Lean Six Sigma process
- Taught welding skills and educational classes to companies and individual students of all ages

November 2014– March 2017
Mechanical Designer • The Lincoln Electric Company • Mentor Ohio

- Designed and oversaw the installation of certified mezzanines, packaging conveyors, and fume mitigation / dust collection systems
- Maintained and organized the documentation of all parts, assemblies and work instructions within the facility using multiple software platforms
- Worked with outside vendors on the expedited manufacturing of high tolerance critical components

April 2011– November 2014
R&D Drafter • The Lincoln Electric Company • Euclid Ohio

- Created manufacturing prints, wiring diagrams, schematics, test specifications, and work instructions
- Designed tooling to aid in the manufacturing of high tolerance components
- Supervised production workers in the assembly of for sale beta units

EDUCATION

June 2019– February 2020
Case Western Reserve University • Cleveland, Ohio

Full Stack Web Development Coding Boot Camp

Front-End Web Design, HTML5 Web Design, Node.Js Coding, Javascript Coding, MERN Stack Coding, Java Back-End Coding, Object-Oriented Coding

April 2008– November 2014
Cleveland State University
Lakeland Community College • Kirtland, Ohio

Accounting, Business Management, Entrepreneurship
- Drafting Certificate
- AutoCAD operator Certificate
- Mechanical Design Certificate
- SolidWorks Certificate

August 2005– December 2007
University Of Toledo • Toledo, Ohio

- Mechanical Engineering
- Computer Science and Technology