Andrew Shamrock   Full Stack Web Developer

Newbury, Ohio 44065 | (440) 667-6672 | A.shamrock4@gmail.com
LinkedIn: linkedin.com/in/a-shamrock | **Github:** github.com/ashamrock | **Portfolio:** ashamrock.github.io/Profile

A multifaceted freelance full-stack web developer with an engineering focused background. Holds an Associates in Mechanical Design Engineering and many certifications including Full Stack Web Development. Possesses a well-founded proficiency surrounding front end development, and a complimenting mindset towards server side structure. Uses elegant code to ensure a robust, satisfactory, and respectable end product.

Knowledge
Teaching and Instruction, OptiTrack Motive, Matlab, LabView, Visual Studio Code, MERN Stack, Git, MVC, MongoDB, MySQL

Skills
Python, G-code, HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, JSON, Node.js, React.js, Express.js, JSX, SQL

Abilities
Lean Six Sigma Green Belt, Group Management, Project Management, Team Leadership

Education
Full Stack Web Development Coding Boot Camp: Case Western Reserve University, Cleveland, Ohio. 2019-2020
Accounting, Business Management: Cleveland State University, Cleveland, Ohio. 2012-2014
Engineering, Entrepreneurship, Business Management: Lakeland Community College, Kirtland , Ohio. 2008-2014
Mechanical Engineering, Computer Science & Technology: University of Toledo, Toledo, Ohio. 2005-2007

Relevant Experience
Technologist II: The Lincoln Electric Company, Euclid, Ohio. 2017–2019
- 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 with the Lean Six Sigma process
- Taught welding skills and educational classes to companies and individual students of all ages

Mechanical Designer: The Lincoln Electric Company, Mentor, Ohio 2014–2017
- Designed and oversaw the installation of certified mezzanines, PLC controlled packaging conveyors, as well as dust collection and fume mitigation 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

R&D Drafter: The Lincoln Electric Company, Euclid, Ohio. 2011–2014
- 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

Projects
Wellness App | github.com/ashamrock/Wellness | wellness-project.herokuapp.com
- An app designed to keep track of user values that are key to their health, perform searches for resources, and compare with other app users how they are doing
- My core responsibility was to design the front end UI/UX for this app and make sure all Javascript was functioning
- This app was built using React.js, Node.js, MySQL, as well as the Yelp and Fitbit API

Fork Yourself | https://fork-yourself.herokuapp.com/ | fork-yourself.herokuapp.com
- This app takes any item in your pantry and finds a recipe for you using it
- My responsibilities where the back end data storage, and transferring the information that populates all pages
- This app utilizes MVC, Node, Express, MySQL, and the Edamame API

Date Night | github.com/ashamrock/Date-Night-App
- This app searches your area for food and movie options based on your preferences.
- My responsibility was to manage the front end HTML, CSS, and Javascript
- This app uses HTML, CSS, Javascript, Jquery, and multiple API's