

Tahni Hresko

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Adaptive programmer with a background in large-scale manufacturing, seeking to leverage my fast-paced decision-making and critical thinking skills at a company striving for continuous improvement

TECHNICAL SKILLS

- **Object and Procedural Oriented Programming:** C# .NET Core, Python, C
- **Web Application Development:** HTML, CSS, JavaScript, Vue.js, ASP.NET Web API, REST API
- **Database Programming:** SQL, E/R diagrams, Table Design, ADO.NET
- **Development Tools:** Git, Visual Studio (and Code), Jira, Trello, Unit Testing, Bash, Integration Testing, Postman

TECHNICAL EXPERIENCE

- **Agave Atlas:** Responsive full-stack web application using Vue.js, Microsoft SQL Server, and C# with .NET Core to locate, rate, and review local margarita offerings. Built using DAO and MVC design patterns with an Agile team. Features included the ability to search and add any restaurant on the Yelp Fusion API to the database, real-time weather forecasts from the National Weather Service API, and integration with Twitter and email.
- **Interview Practice App (Ongoing):** A Windows Forms application in C# that prompts users with interview questions organized by type, allowing them to select an integrated or external webcam to record and save their responses as .mp4 files using AForge.
- **Smash App / TENmo:** Developed a Venmo-style client-server program in C# using SQL, ASP.NET, MVC patterns, and RESTful API practices. After registering and authenticating, users can view their balance, send/request payments from other users, and retrieve a log of their past transfers.
- **Force Robots LLC Website:** Completely rebuilt <http://www.forcerobots.com/> in a responsive format utilizing HTML and custom CSS with WordPress to match company branding, increase content, and drive B2B engagement
- **Tahni's House of Tarot:** Created a tarot card reader in Python that generates hands according to user input. Retrieves data from each card to distinguish and count the major and minor arcana cards and how many from each suit were drawn.

EDUCATION

Tech Elevator, Cleveland, OH **January 2023 – April 2023**
14-week full-stack curriculum on creating dynamic web-based software systems using .NET/C# with 800 hours of development education and application

Purdue University, West Lafayette, IN **August 2011 – August 2015**
Bachelor of Science, Mechanical Engineering with a minor in Management

WORK EXPERIENCE

Production / Process Manager - Steel Rolling **October 2019 – October 2021**
Cleveland Cliffs, Inc. (formerly ArcelorMittal USA), Cleveland, OH

- Mentored skilled unionized operators in production line refinements to boost productivity, resulting in the most profitable quarter in company history
- Identified and analyzed root cause issues within production and implemented continuous improvement action plans with the Electrical, Software, and Mechanical Maintenance departments, and optimized Standard Operating Procedures
- Achieved a 0.5% quality rejection rate, the lowest of all Rolling Production Managers, on a trillion-dollar production line

Operations Manager **August 2015 – October 2019**
ArcelorMittal USA, Cleveland, OH

- Compiled detailed yet concise, shift reports daily covering root causes of delays, immediate actions, and long-term corrective actions for continuous improvements in production
- Directed a diverse workforce comprised of over 150 unionized skilled and unskilled laborers, operators, mechanics, electricians, and contractors in the world's most productive per manhour plant
- Resilient in high-stress environments, making fast-paced critical decisions to remedy, repair, and/or work around mill breakdowns safely, resulting in increased production and holding both the 12- and 24-hour tonnage record

Associate Engineer **May 2014 – August 2014**
Force Robots LLC, Cleveland, OH

- Spearheaded project plan to increase customer engagement including rebuilding website, creating a YouTube channel, filming and editing videos to highlight product capabilities, and scheduling trade show attendance and materials
- Created the documentation and programming manual for the Touch Robot software using DocBook and XML