

# DAVID R. GUTHMANN

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Portfolio: [dguthmann.github.io/portfolio-2020](https://dguthmann.github.io/portfolio-2020)

## SUMMARY

Full Stack Developer with experience in train signal engineering. Ability to analyze a problem through research and develop a method of completion. Adaptable moving from relay logic and ladder logic to higher level programming like C and javascript.

## TECHNICAL SKILLS

**Languages:** HTML, CSS, Javascript, JQuery, Express, Handlebars, NodeJS, CAD, Ladder Logic, VHDL language, C programming language, Java

**Applications:** Excel, PowerPoint, Word, Adobe Photoshop, MicroStation

## PROJECTS

**VenU** | [github.com/ajm5099/Music-Discovery](https://github.com/ajm5099/Music-Discovery) | [ajm5099.github.io/Music-Discovery/](https://ajm5099.github.io/Music-Discovery/)

- Provide recordings of live music and live music channels in an age of quarantine
- Both html and js coding for functionality and maintaining teams kanban board
- Youtube api, audioDB api, HTML, CSS, Javascript

**Carls-Cafe** | [github.com/Dguthmann/Carls-cafe/](https://github.com/Dguthmann/Carls-cafe/) | [dg-carlscafe.herokuapp.com/](https://dg-carlscafe.herokuapp.com/)

- Create a site using express-handlebars and have full crud functionality with a database
- Creation of entire project
- Express, mySql, handlebars, CSS, HTML, Javascript, heroku, jaws\_db for hosting

**Vacation-Weather-2020** | [github.com/Dguthmann/Vacation-weather-2020/](https://github.com/Dguthmann/Vacation-weather-2020/) | [dguthmann.github.io/Vacation-weather-2020/](https://dguthmann.github.io/Vacation-weather-2020/)

- Weather API where the user can search for a city and get data, in addition to saving old searches
- Creation of entire project
- HTML, CSS, Javascript, api calls to openweather

## RELEVANT EXPERIENCE

**Signal Engineer**

2012 – 2015

**Progress Rail Services**

Omaha, NE

Designed signal systems controlling train movement and speed

Analyzed existing plans and kept functionality during transition to a new system

Performed initial checks of plans using quality assurance documentation

Aided in project management tasks such as material and labor estimation

## ADDITIONAL EXPERIENCE

**Crew Member**

2019 – 2020

**Pepperjax Grill**

Omaha, NE

## EDUCATION

**Full-Stack Bootcamp Certificate:** University of Washington, Seattle, WA

**Bachelor of Science in Electrical Engineering:** University of Nebraska-Lincoln, Lincoln, NE

**Engineer in Training Certification:** University of Nebraska-Lincoln, Lincoln, NE