

Carl Koepke

Contact Me:

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Profile

My name is Carl Koepke, I have a Bachelor's Degree in Material Science from the University of Wisconsin-Eau Claire. I am currently completing a 3 month web development coding boot camp and the University of Minnesota. I am excited to share the knowledge and experience I have gained.

Portfolio

Link to portfolio: <https://carl-33.github.io/Bio-Page/portfolio.html>

Weather App

I utilized HTML, Javascript, and JQuery to build this Weather app. The weather information is obtained using an API key from Open Weather. Link: <https://carl-33.github.io/Weather/>

Daily Planner

I utilized HTML, Javascript, CSS and JQuery to build this Daily Planner. The styling on the page changes depending on the time by using moment.js. Link: <https://carl-33.github.io/Daily-Planner/>

Password Generator

I utilized HTML, Javascript, and JQuery to build this Random Password generator. Link: <https://carl-33.github.io/Password-Generator/>

Experience

Certification Manager and Validation Specialist, Gerbig Engineering - 2014-2020

Managed a team of technicians testing and certifying cleanrooms throughout the Twin Cities area, and around the country. Responsibilities included managing personnel, tracking international testing standards, supporting customer audits and resolving findings, analyzing and compiling test result data into easily consumable reports, and relaying testing information to customers.

Student Researcher, University of Wisconsin-Eau Claire, Eau Claire, WI — 2012-2013

Analyzed and compared six different strands of Superconducting wire made for the International Thermonuclear Experimental Reactor. Each strand of wire behaved slightly differently; my research centered on how the composition of the wires and the different techniques used in the process of creating them affected the differences in behavior.

Research Assistant, National High Magnetic Field Lab, Tallahassee, FL — 2012

I analyzed sections of superconducting cables intended for eventual use in the International Thermonuclear Experimental Reactor. I analyzed these cables, and the wires inside, using various instruments and techniques.

Education

University of Wisconsin-Eau Claire — Material Science, 2013

Skills

- Studied and ran tests on a variety of Plastics, Metals, Ceramics, and Composites.
- Advanced user in Excel to analyze data.
- Compiling data and test results into an easily understandable report
- Working in a team to accomplish goals
- Knowledgeable in HTML, CSS, Javascript, and JQuery, and working to expand my skills in other languages as well

Referrals

References available upon request.