

# Online Resume Project

Frank Richter CSI 2999


[GitHub repo](#)

[Hosted Page](#)

# Main Resume Page

- All pages have a navigation bar at the top with buttons
- Starts with introduction and contact information listed below
- Experience listed from most to least recent

[Frank Richter](#)[About Me](#)[Course Projects](#)[Project 2](#)[Project 3](#)




## Frank Richter

[LinkedIn](#) | [GitHub](#) | (586) 703-7016 | [frichter@oakland.edu](mailto:frichter@oakland.edu)

Aspiring data scientist with growing skills in data analysis, programming, and data-driven problem solving. Eager to combine technical expertise with leadership and communication skills to generate insights and guide data-informed decision making.


### Experience



#### Mopar Service Lane Technology Intern – Stellantis

Chrysler Technology Center, Auburn Hills MI - Summer 2025


- Developed automated dealer performance emails program using Python + Pandas, to extract insights from monthly dealership FRM (Factory Required Maintenance) sales reports and give dealers personalized rankings. Regional estimate forecast of ~6% (\$1.05M) increase in monthly revenue.
- Applied AI summarization techniques utilizing LLM (Large Language Models) to derive 7 key categories on customer dealership experience from 1,700+ pages of market research transcripts.
- Prototyped mobile application concepts in Figma based on competitor benchmark analysis and customer wants.
- Created detailed high-level process flow map in Visio to identify inefficiencies and opportunities for improvement within Technical Service Operations, mapping vehicle problem escalation from the customer to engineering.



#### Summer Production Supervisor – Stellantis

Sterling Heights Assembly Plant, Sterling Heights MI - Summer 2024

- Supervised 120+ hourly workers in chassis department, managing engine assembly and kitting operations.
- Monitored KPIs such as FTC (First Time Capability) and defect rates, reducing defective vehicles by nearly 78%.
- Reported KPIs daily to senior management, delivering insights for process improvements.
- Analyzed defect heatmaps to address issues, collaborating with quality control to improve quality.
- Applied data insights to optimize manpower, ensuring smooth shift transitions and minimizing downtime on the production floor.



#### Social Media Manager – YouTube, Instagram, TikTok (2019 – 2024)

- Designed content formats optimized for audience retention (80–90% AVD) and algorithmic distribution, resulting in sustained growth to 1.4M+ followers.
- Tracked and optimized CTR (Click Through Rate), AVD (Average View Duration), and audience retention, increasing video watch-time and engagement beyond industry averages.
- Developed data-driven content strategies that generated millions of impressions and drove sustained audience growth.
- Collaborated with mobile game publishers on marketing campaigns, producing creative assets that helped secure Top 10 App Store rankings.

# Main Resume Page

- Section to emphasize key skills and technical skills
- Education section showing major and relevant courses

## Key Skills

- **Creative** – Excellent at developing new and innovative ideas and monetizing them.
- **Business Analytics** – Strong understanding of analytics to optimize marketing strategy and increase engagement.
- **AI Integration** – Using AI tools and existing APIs to assist in creating innovative solutions and streamline repetitive tasks.

## Technical Skills

- **Python programming** – For data analysis, software prototyping, and automation
- **Figma** – For mobile application UI design and prototyping
- **Microsoft Office** – Word, PowerPoint, Excel
- **Linux and Windows Operating Systems**
- **Java programming**
- **C programming**

## Education



**Oakland University**

**Bachelor of Science in Computer Science, Minor in Data Science (GPA 3.72)**

**Expected Graduation:** Fall 2027

### Relevant Coursework:

- Object Oriented Computing
- Data Structures
- Sophomore Project
- Intro to C programming and Unix
- Intro to Linux

last updated 9/20/25

# About Me Page

- Overview of interests/hobbies
- Short descriptions and images for each interest

[Frank Richter](#)[About Me](#)[Course Projects](#)[Project 2](#)[Project 3](#)

## My Interests



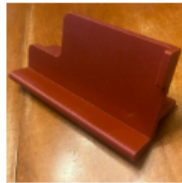
### Gym

I enjoy staying active and working out at the gym. It helps me to relieve stress and stay focused, especially since I spend a lot of my time behind a computer.



### Building Computers

I love building/ working with custom PCs, I think of it as building an expensive, shiny lego set. Each component fits perfectly and its incredibly satisfying to see the system come to life.



### 3D Printing

I enjoy desinging and printing practical 3D models that can be used to solve a problem in everyday life, (like phone stands/ cup holders).



### Small Coding Projects

I enjoy experimenting with small coding projects, building tools and learning new programming concepts along the way.

# Course Projects Page

- Lists projects worked on in class
- Each project includes overview of program with applications used and links to repo

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## Course Projects

### Automated Desktop Organizer (CSI 2300 Object Oriented Computing)

[GitHub Repo](#)

- Built a desktop application which organizes files on your system automatically in real time based on user-defined rules
- Utilizes JavaFX for intuitive and simple UI, yet powerful functionality for file organization
- Implemented JSON config file reading for saving and creating multiple profiles
- Allows users to easily create and combine criteria-based rules(file name, content, extension, or last modified date) to detect and move files



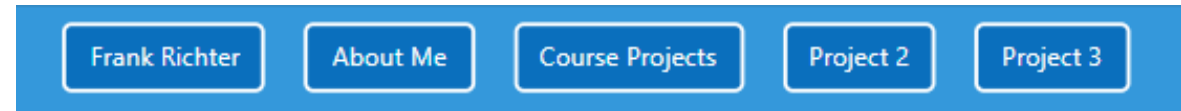
### Project 2 - [TBD]

### Project 3 - [TBD]

# HTML tag 1 - nav

- `<nav></nav>` - used to tell browsers that the section is for site navigation
- In my use case it displays the links to all other pages
- All links use an anchor tag which have properties belonging to my button css class


```
<nav class="nav">  
  <a href="index.html" class="button">Frank Richter</a>  
  <a href="AboutMe.html" class="button">About Me</a>  
  <a href="Projects.html" class="button">Course Projects</a>  
  <a href="Project2.html" class="button">Project 2</a>  
  <a href="Project3.html" class="button">Project 3</a>  
</nav>
```



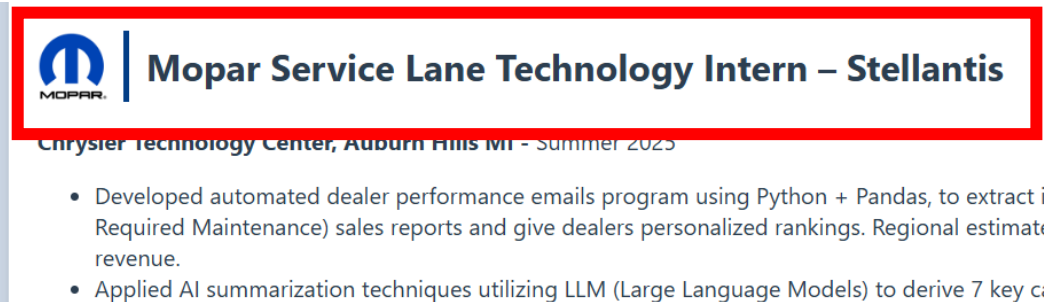
# HTML tag 2 - span

**<span></span>** - used to group text/other elements to apply css styles

- I used it to wrap text and logos in the same line so I could style them with css using my “logo-wrap” css class without making a new html element

```
<h2 class="section-title">
  <span class="logo-wrap">
    
  </span>Mopar Service Lane Technology Intern  Stellantis
</h2>
```

The image is formatted while on the same line as h2 (section-title)

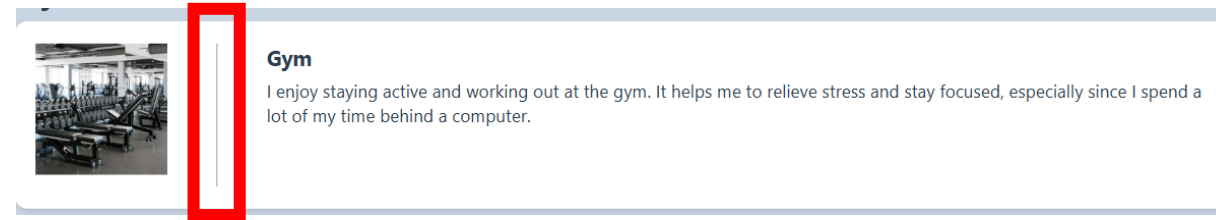


# HTML tag 3 – div (divider class)

```
<div class="edu-left">
  <div class="photo" style="width:120px; height:120px; margin-bottom:10px;">
    
  </div>
</div>

<div class="divider"></div> <!-- Divider to separate image from desc. -->

<div class="edu-right">
  <h3>Gym</h3>
  <p>I enjoy staying active and working out at the gym. It helps me to relieve stress and stay focused, especially since I spend a lot of my time behind a computer.
</div>
```



- I used **<div>** in this context purely for styling, it appears several times throughout the pages
- Helps in separating elements on the left (image) from elements on the right (description text).
- Uses css styling “divider” to create a 1px semi-transparent line with a 25px horizontal margin



# CSS element 1 - container

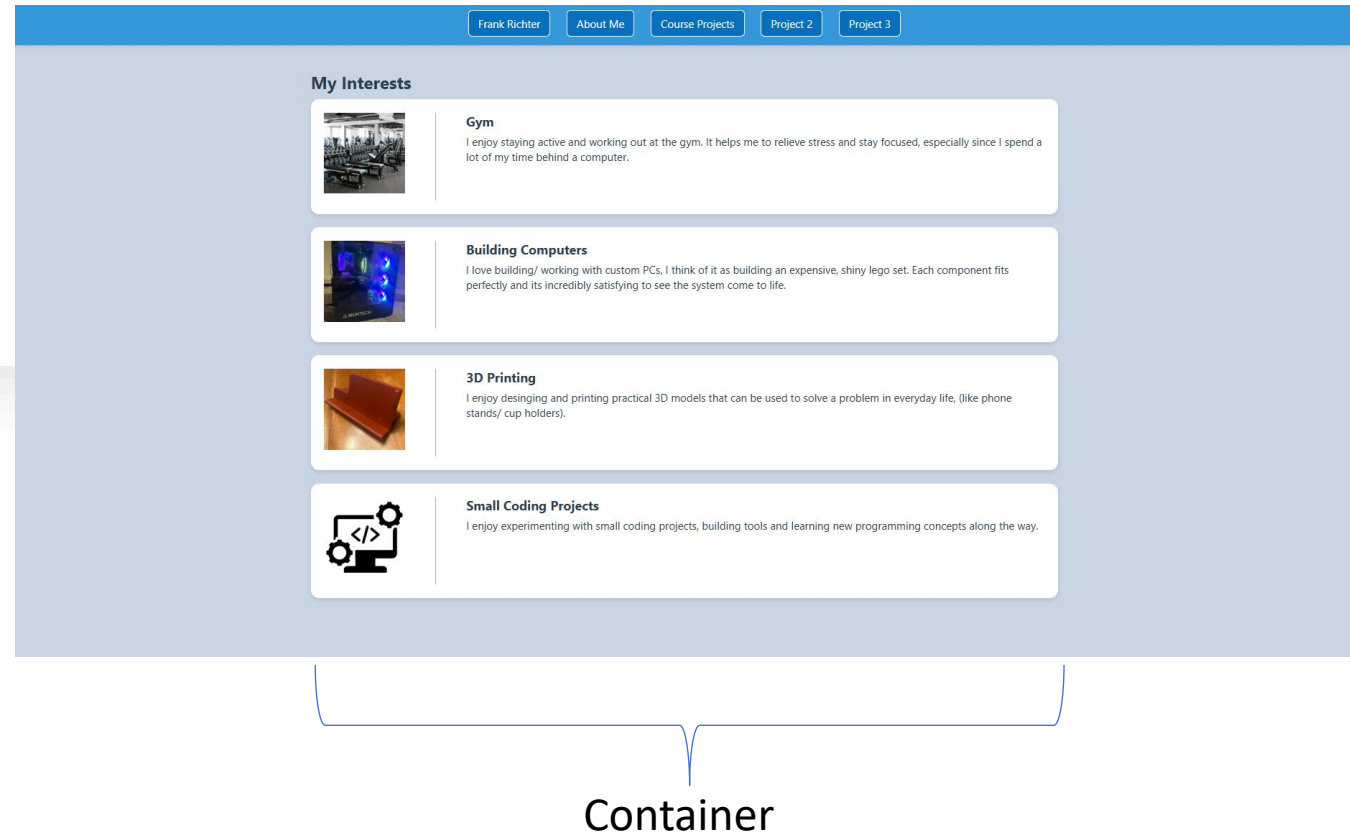
```
.container {  
  max-width: 1110px;  
  margin: 40px auto;  
  padding: 0 16px;  
  position: relative;  
}
```

Max-width 1110 pixels, keeps content readable, doesn't stretch even on a larger screen

Margin top/bottom = 40px, margin horizontal set to auto (centers content)

Padding (inside space) 0px on top and bottom and 16 px left and right – content doesn't touch the edges

Relative position = child elements with absolute position are positioned relative to the container




# CSS element 2 - card


```
.card {  
  background: white;  
  padding: 20px;  
  border-radius: 12px;  
  margin-bottom: 20px;  
  box-shadow: 0 3px 6px rgba(0, 0, 0, 0.1);  
}
```

Most divs on the site belong to a “card” css class


- white background
- 20px padding to keep inside content separated from the outer border
- 12px radius for rounded corners
- margin-bottom to add 20px space below each card
- box shadow:
  - 0px horizontal offset
  - 3px vertical offset
  - 6px blur radius
  - black shadow and 10% opacity

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# CSS element 3 – .logo-wrap

```
.logo-wrap {  
  display: inline-flex;  
  align-items: center;  
  justify-content: center;  
  width: 50px;  
  height: 50px;  
  padding-right: 10px;  
  border-right: 4px solid #033e86; /* vertical line */  
  box-sizing: content-box;  
}
```

- Logos are used in experience and education cards
- `display: inline-flex:` = makes flexbox in line with text
- `align-items: center` = img and border are vertically centered
- `justify-content: center` = img and border are horizontally centered
- `padding-right` = 10px space added to right of the box
- Square width/height of 50px for the box
- Blue, vertical line border to the right of every box (4px wide)
- `Box-sizing: content-box` = height/width apply to content and border is added to the size





Thank You