

Aaliyah Hänni - Portfolio

Web Development | Data Visualization | Creative Coding

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Web Development Projects

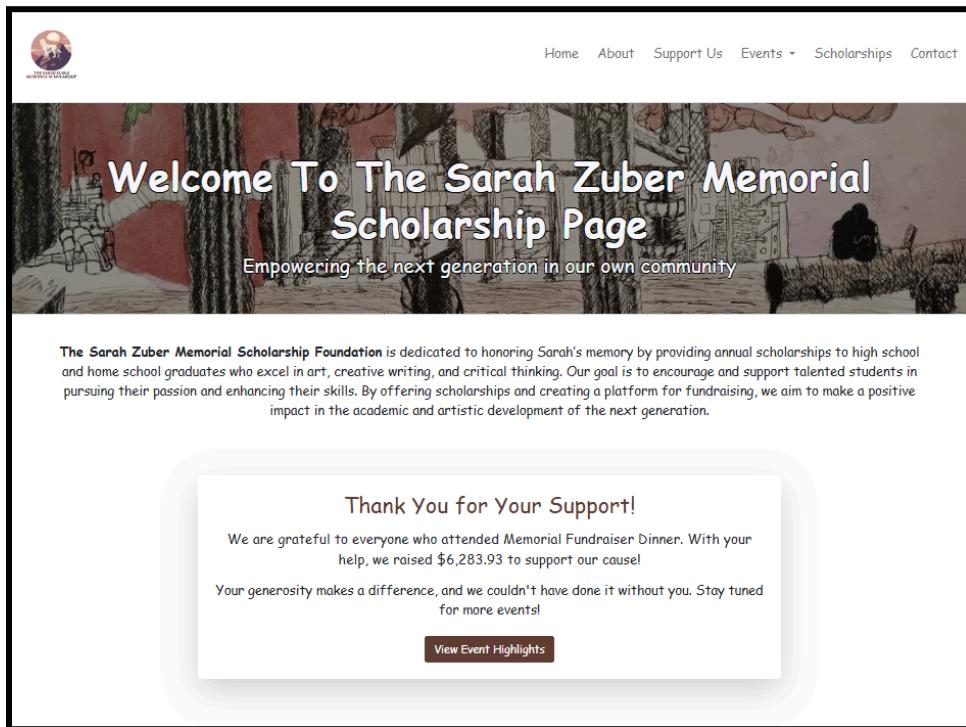
The Sarah Zuber Scholarship Foundation - Live Client Project

Website: <http://sarahzubermemorial.org>

Tools: HTML/CSS, JavaScript, Node.js, Nodemailer

Role: Designed and built the site structure, deployed full stack.

Impact: Boosted community awareness and donations through improved design and UX.



Cowlitz Youth Soccer Association - Live Client Project

Website: cowlitzyouthsoccer.org

Tools: Node.js, MongoDB, Express, HTML/CSS

Role: Designed layout and built custom backend features for soccer registration and updates.

Impact: Created a centralized hub for registration and league information, enhancing engagement.

The screenshot shows the homepage of the Cowlitz Youth Soccer Association. At the top, there's a navigation bar with links for Home, Club Websites, Resources, Soccer Schedules & Events, Referee, Coaches, and CYSA. The main title "Cowlitz Youth Soccer Association" is centered above a large banner. The banner features a photo of a soccer game in progress and the text "Registration Now Open!". Below the banner is a "Register Now" button. The main content area includes three cards: "Schedule" (with a photo of players), "Coaching" (with a photo of a coach with players), and "Referee" (with a photo of a referee). Each card has a descriptive subtitle below it.

Schedule
2023 Fall U6-U12 Recreational

Coaching
Register today to become a

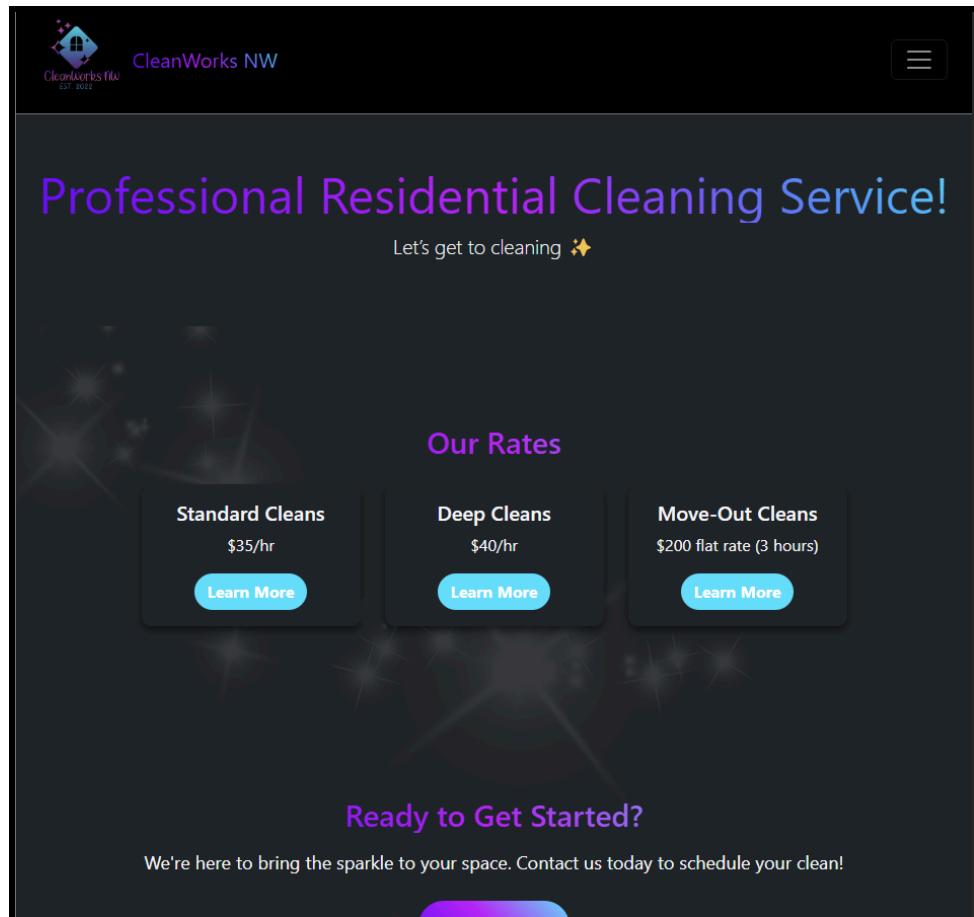
Referee
Interested in being a referee?

CleanWorksNW - Live Client Project

Website: <https://cleanworksnw.onrender.com/>

Tools: Render, Node.js, Facebook API

Role: Developed website for a local cleaning business, integrating advertising and booking functions.

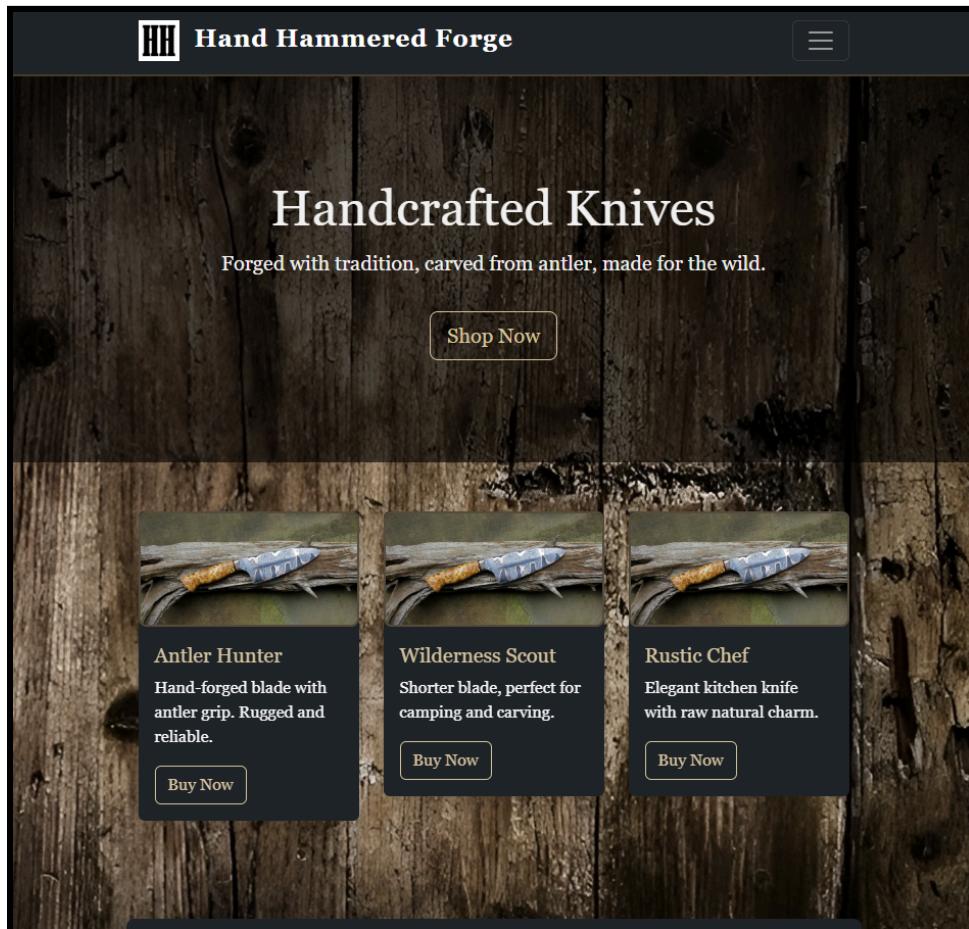


Hand Hammered Knives - Live Client Project

Website: <https://hh-forged.onrender.com/>

Tools: Node.js, Render, Stripe

Role: Created a brand-focused product showcase site for custom handcrafted knives, handling payment transactions for purchases.



Kelso Youth Soccer Club

GitHub: [**Tools:** Node.js, Express, MongoDB, SendGrid, Stripe](https://github.com/aaliyahfiala42>Youth-Soccer-Camp-Website</p></div><div data-bbox=)

Role: Full-stack development for a youth soccer camp registration website with payment and email integration.

Dashboards & Data Visualizations

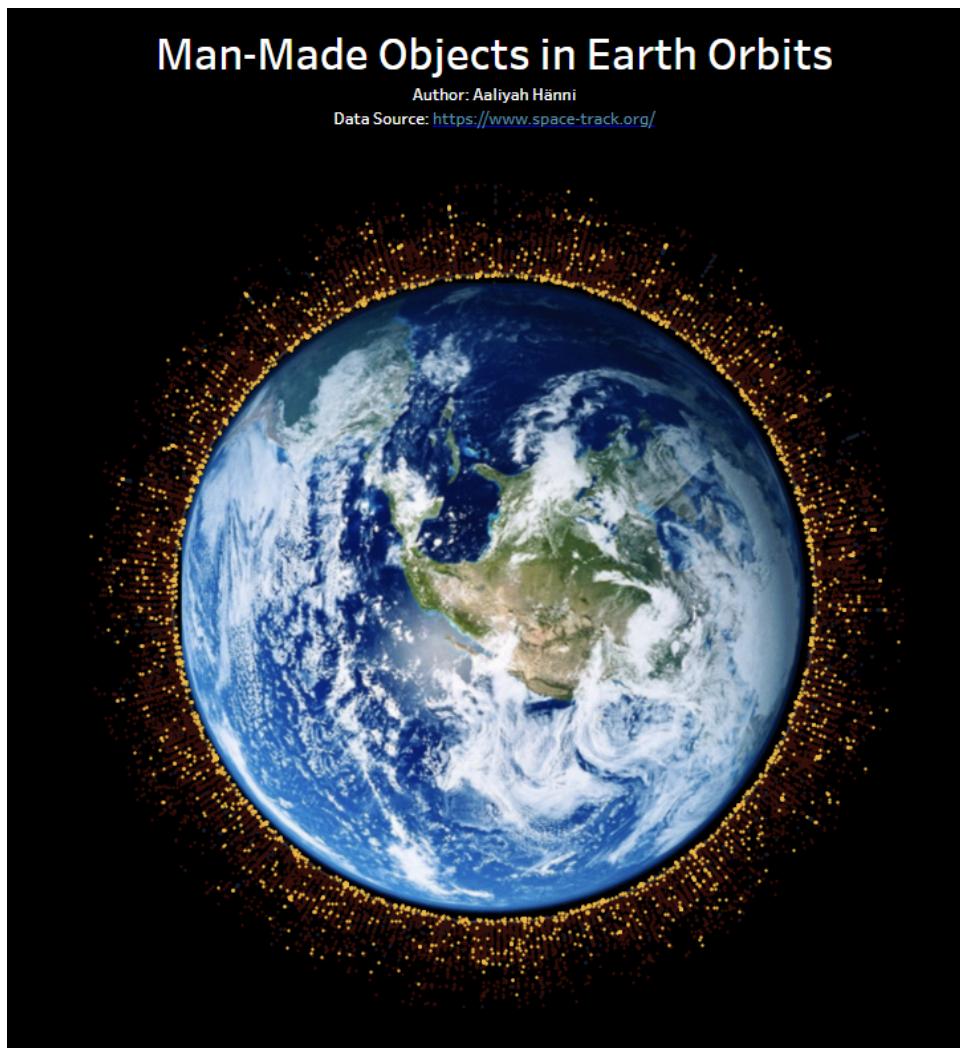
Man-Made Objects in Earth Orbit

Tableau Public: <https://public.tableau.com/Man-MadeObjectsinEarthOrbits>

Tools Used: Tableau, Excel

Methods: Data wrangling, time series analysis, categorical filtering

Impact: Aimed to raise awareness about the growing space debris problem through intuitive, interactive visuals.



Creative Coding & ML Projects

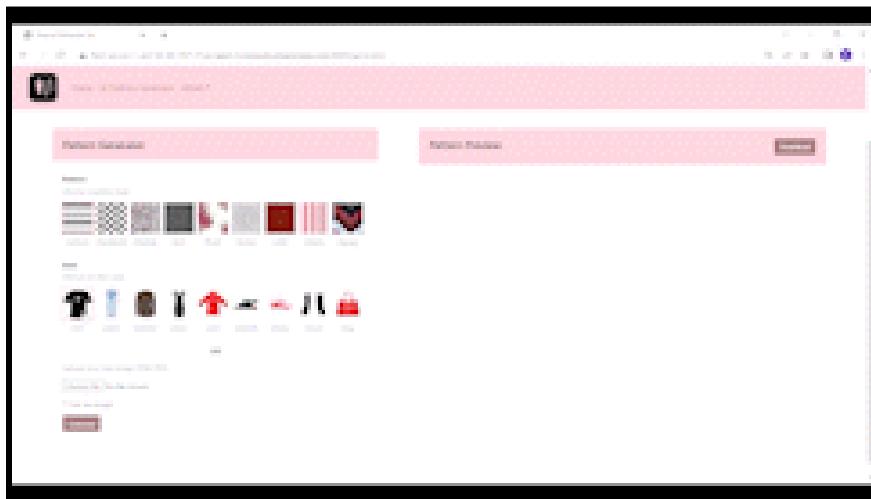
AI Fashion: Neural Network Art

GitHub: https://github.com/liemluong/Neural_Network_Art

Tools: Python (PyTorch, NumPy, Matplotlib), Node.js

Methods: Feedforward neural networks, parameter tuning, iterative training

Impact: Demonstrated the artistic potential of deep learning in generative art



OneCourt: Real-time Sports Data UI

UW Dempsey Startup Competition Winner

GitHub: <https://github.com/aaliyahfiala42/OneCourt>

Tools: React, Python (ML), Arduino, CNN, TrackNet, YOLO

Role: Led machine learning model development and contributed to user interface design

Impact: Delivered an accessible sports experience for visually impaired users using haptic feedback.

