Zachary John Kline

Illustration, Design, & 3D - zeezeedesign.com

(856)200-6325 • zacharyjohnkline@gmail.com

Got Vegetables?

This was a digital ad campaign to drive awareness of the American Farm Bureau Foundation for Agriculture and their goal of educating mainstream America on the benefits and importance of domestic agriculture. This ad focused on the heart healthy benefits of including more vegetables in your diet.

Insider Insights

Decentralized Clinical Trials: How to drive adoption and Impact

by: Dr. Amuntha Singh Jan. 21, 2021

Reprint

Despite groundbreaking advances in basic and clinical science and technology, clinical trial methods have not kept up with the pace of change and are no longer fit for purpose — not for patients or for the life science industry. The reasons for this include regulatory uncertainty, economic factors, and cultural obstacles, not the least of which is an adherence to conservatism in a highly regulated industry.

Overcoming these barriers, especially breaking the culture of the status quo, is beyond the power of any one organization. What is required is an ecosystem-wide series of changes based on collaboration to adopt decentralized clinical trials and realize the benefits they bring.

One challenge facing the adoption of decentralized trials begins with language. We face a digital Tower of Babel, where the terms that one person uses with confidence can be easily interpreted differently by others. Without a common lexicon, it is easy for some people to be dismissive and conclude that new approaches like this are impractical or aren't feasible for their work.

Is a decentralized trial one without a brick-and-mortar site and participants engage entirely online? Is it one where some "visits" may take place at home rather than in the clinic? Is it one in which some patients may participate using local labs and convenient health care sites?

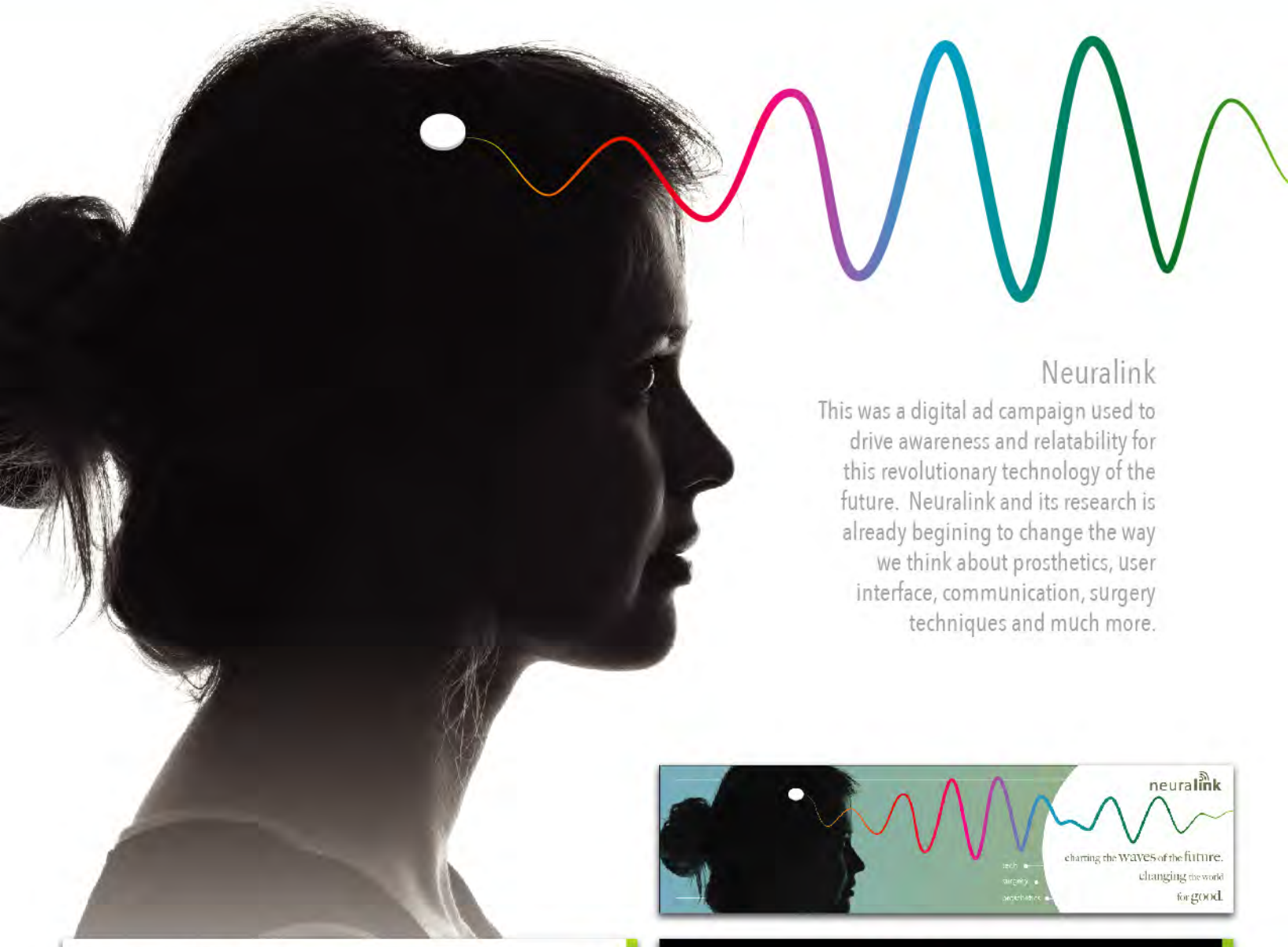
Related: 'Why would we ever go back?': Covid-driven shift to remote cancer clinical trials will likely outlast the pandemic

For most people, the answer to all of the above is "yes." The term decentralized trial encompasses a range of solutions that include digital tools for capturing consent data, the use of home health providers, direct-to-patient drug distribution, remote monitoring and diagnostics, and the use of local labs and imaging centers. In short, decentralized clinical trials are those that use novel technologies or processes to create options for participation outside of conventional clinical settings, improving access and convenience..

Infographic

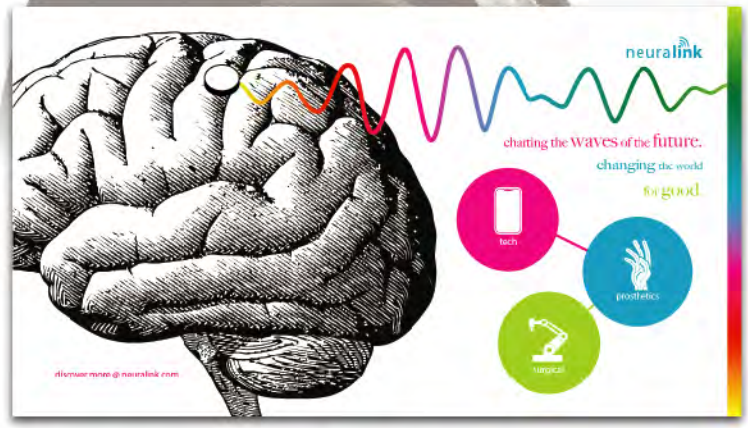
This was a vector infographic for an article about the decentralization of clinical drug trials. As technology rapidly expands, the whole clinical drug trial industry is adapting with some unique ways to circumvent the traditional site-based model.

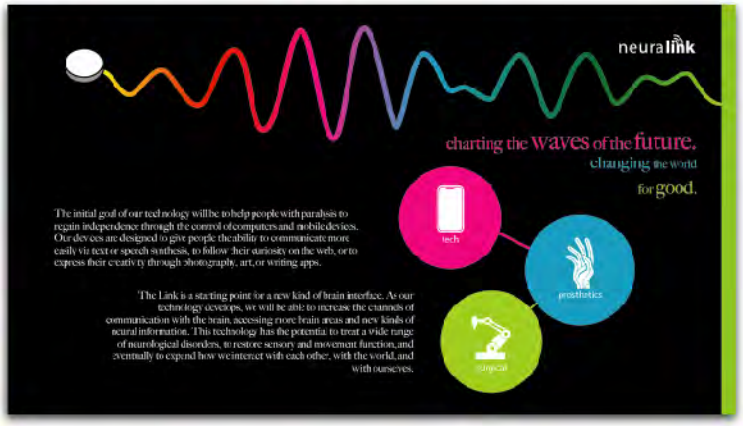
Advertising

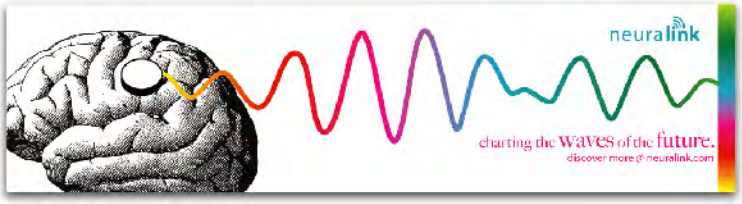


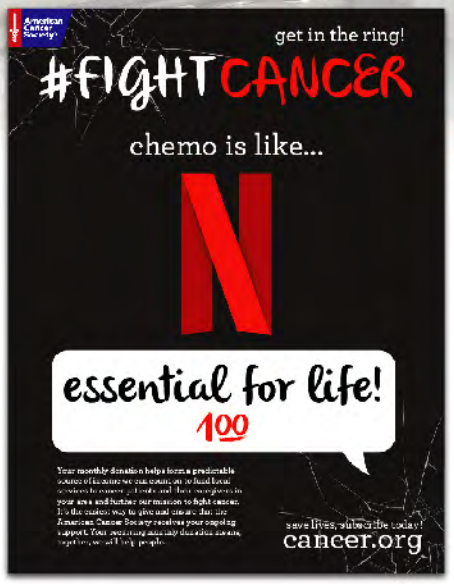
Neuralink

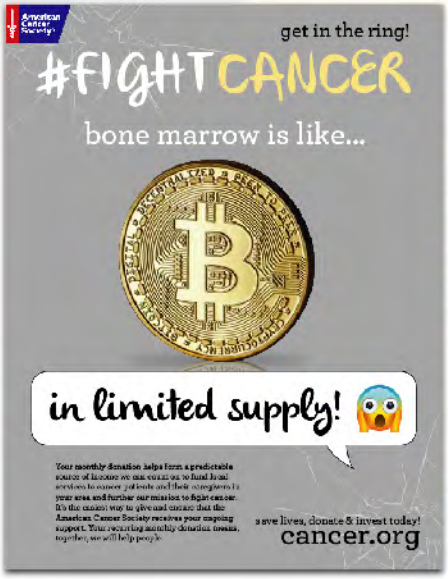
This was a digital ad campaign used to drive awareness and relatability for this revolutionary technology of the future. Neuralink and its research is already begining to change the way we think about prosthetics, user interface, communication, surgery techniques and much more.

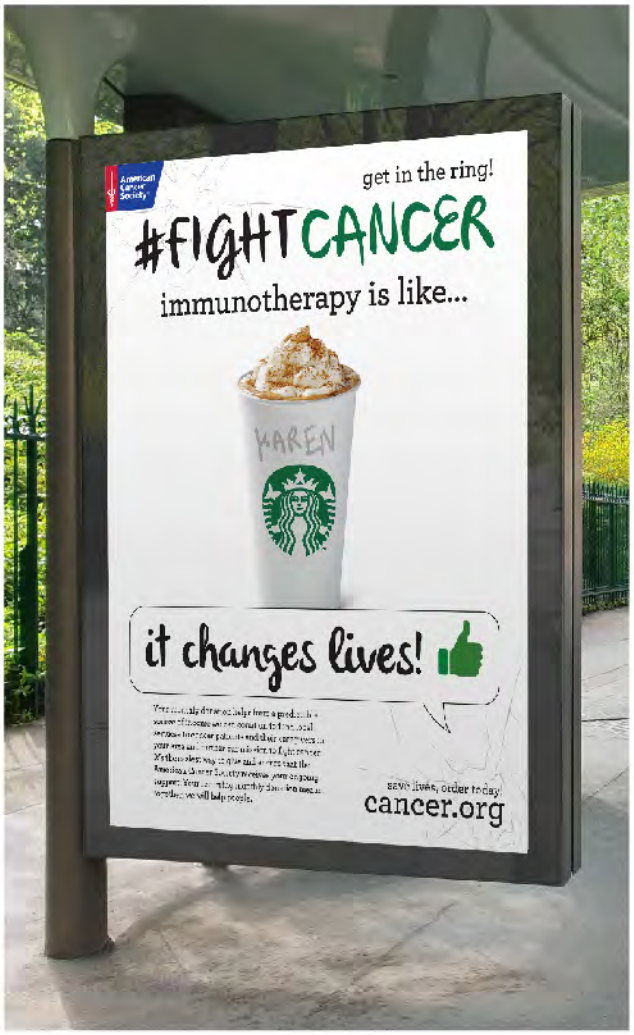












#Fight Cancer

This was a digital and print ad campaign for the American Cancer Society. It was designed to encourage millenial involvement in contributing to cancer research.

Advertising

Ad Layout & 3D Render

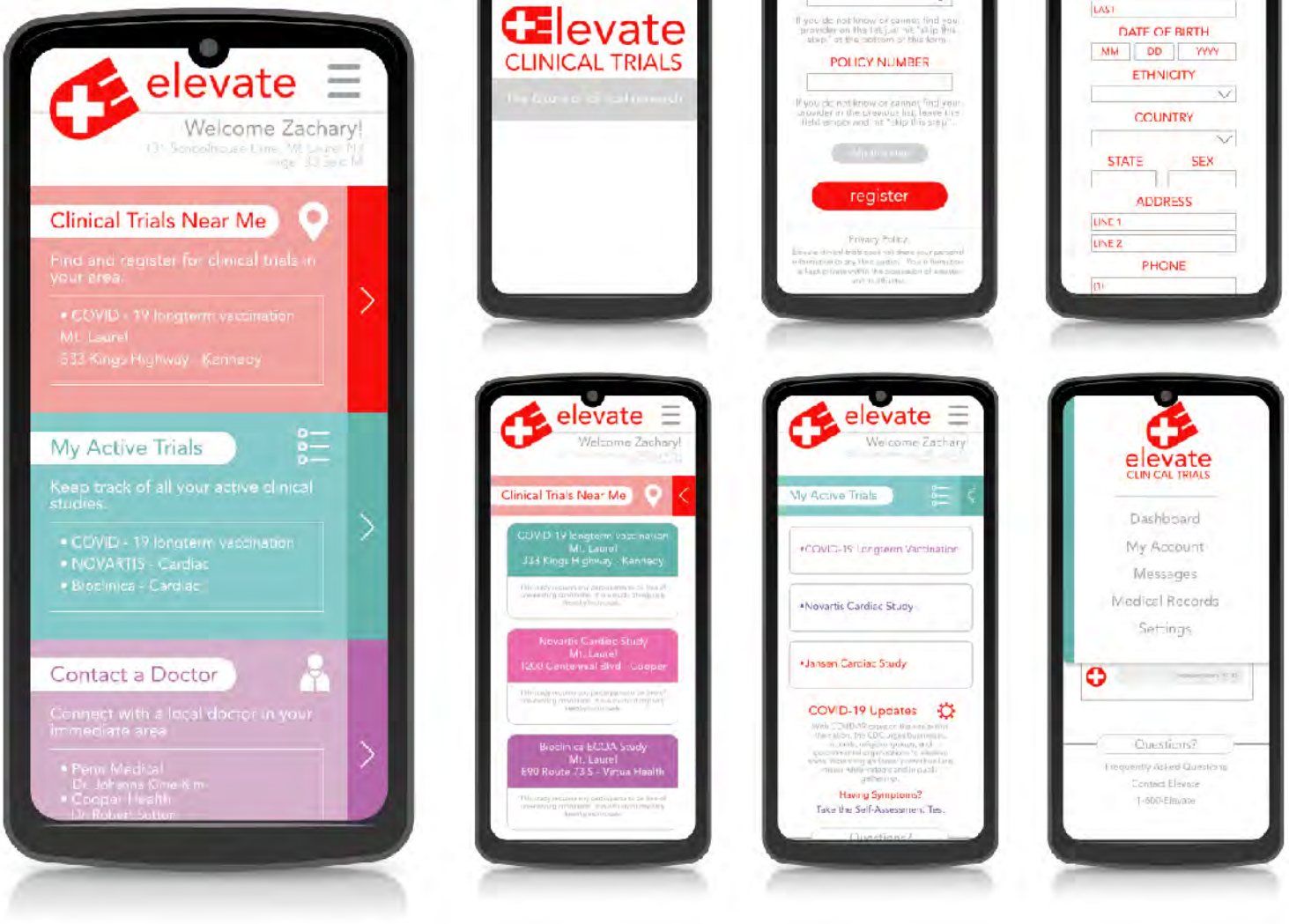
Vector Wraps

Magazine Advertisement

This unisex deodorant bodyspray advertisement was designed from the ground up, from the vector wraps and bottle design to the finalized 3D render. I worked on everything from A-Z even writing the copy for the scent explanations.

UX/UI Design

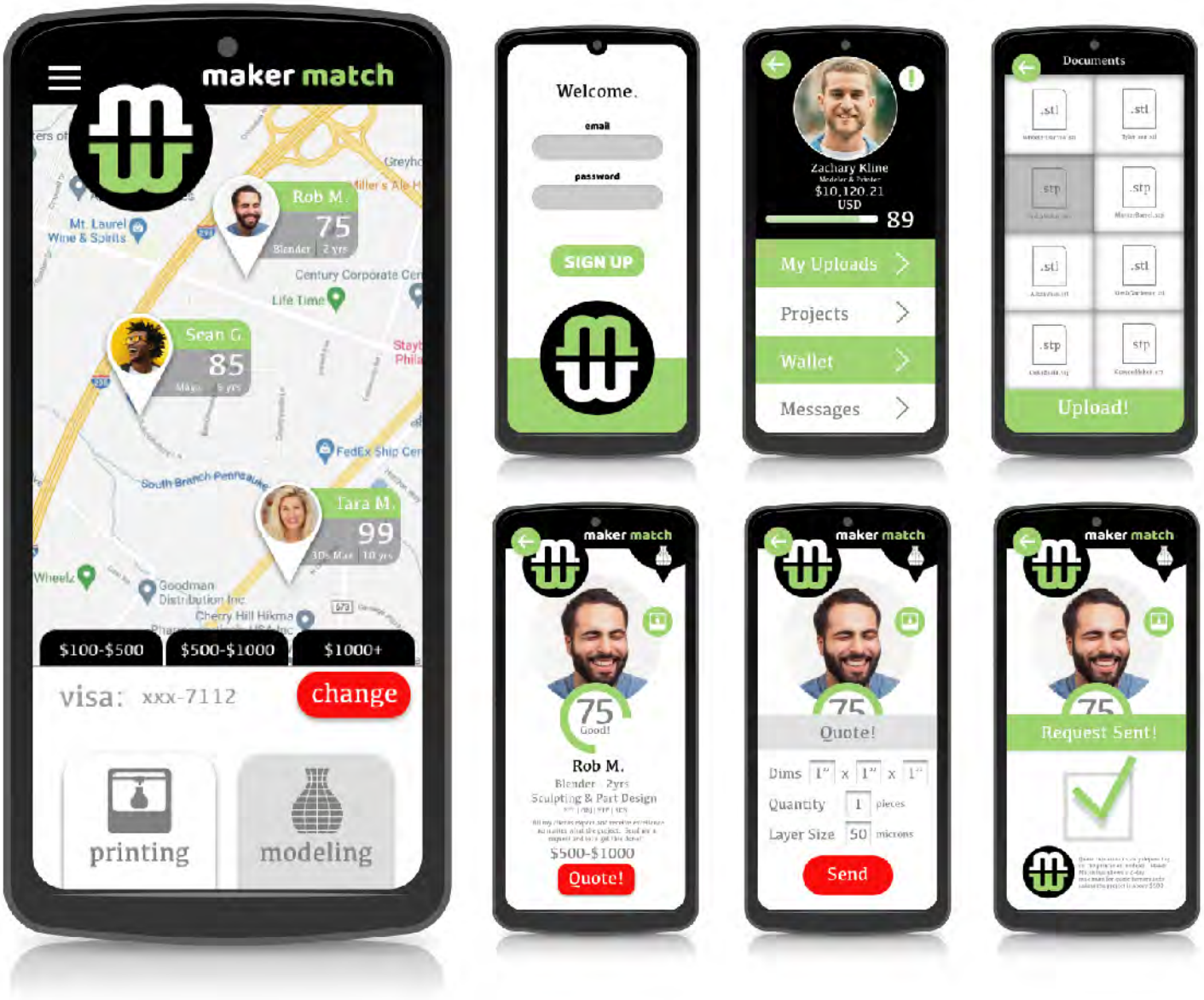
elevate
CLINICAL TRIALS



Remote Clinical Trials App

This app was designed in conjunction with a small team of experts from an industry leading corporation. This prototype was conceived to create an easier way to conduct clinical trials amidst the concerns of the pandemic.

UX/UI Design



Maker Match App

This app was designed to combine the ever-expanding "gig econmoy" with the growth of the 3D printer, Desktop CNC, and laser cutter market. With this app, you can pair with local makers, printers, engravers, & cutters to bring whatever idea you have to life. I managed and worked with a team of 3 people to develop this app. We built profiles, wireframed, created the artwork, and tested the prototype.

UX/UI Design

Maker Match App

This was offered to our client as an alternate design variaton for the Maker Match app. We wanted this app to learn more heavily on photography than technical understanding to encompass more of a general audience that may or may not be familiar with the ins and outs of the maker/prototyping industry.

3D Work

Laptop Stand

This was a setup for a sales presentation for the laptop stand. I modeled, textured, lit, and rendered everything here. Rendered using Cycles.

Control Center

Below is a screenshot of the render before output. This is usually my workflow with the UV image editor on the top left, the shader window underneath and the 3D viewport on the right.

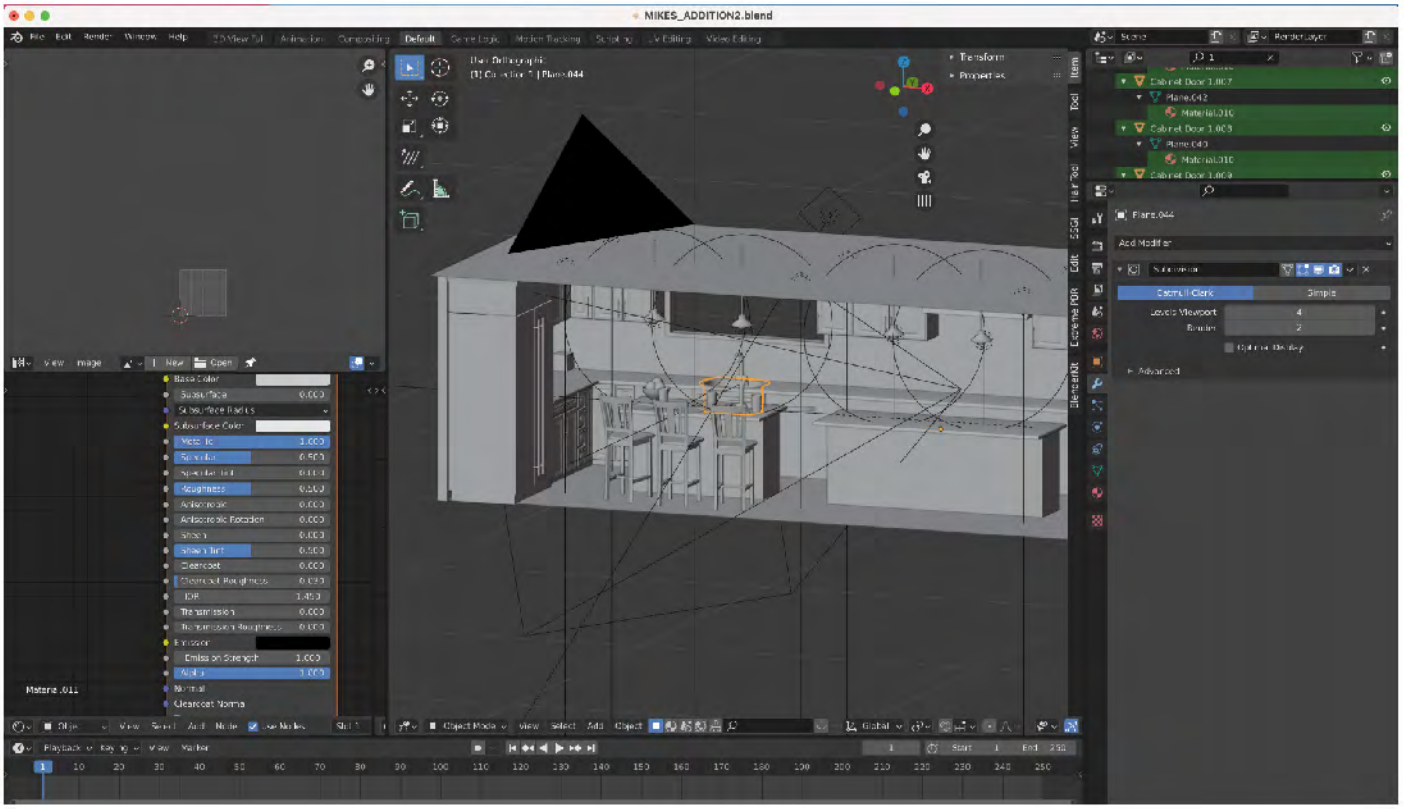
3D Work

Kitchen Renovation

This was a quick render that I created for a client seeking to understand how their kitchen renovation would look with the colors and textures that they had selected. This usually helps some particular clients really visualize what it is that they want for their home.

Control Center

Below is a screenshot of the render before output. I have built a library of elements to utilize in renders like this so that each one goes faster and has more refined elements in the scene.

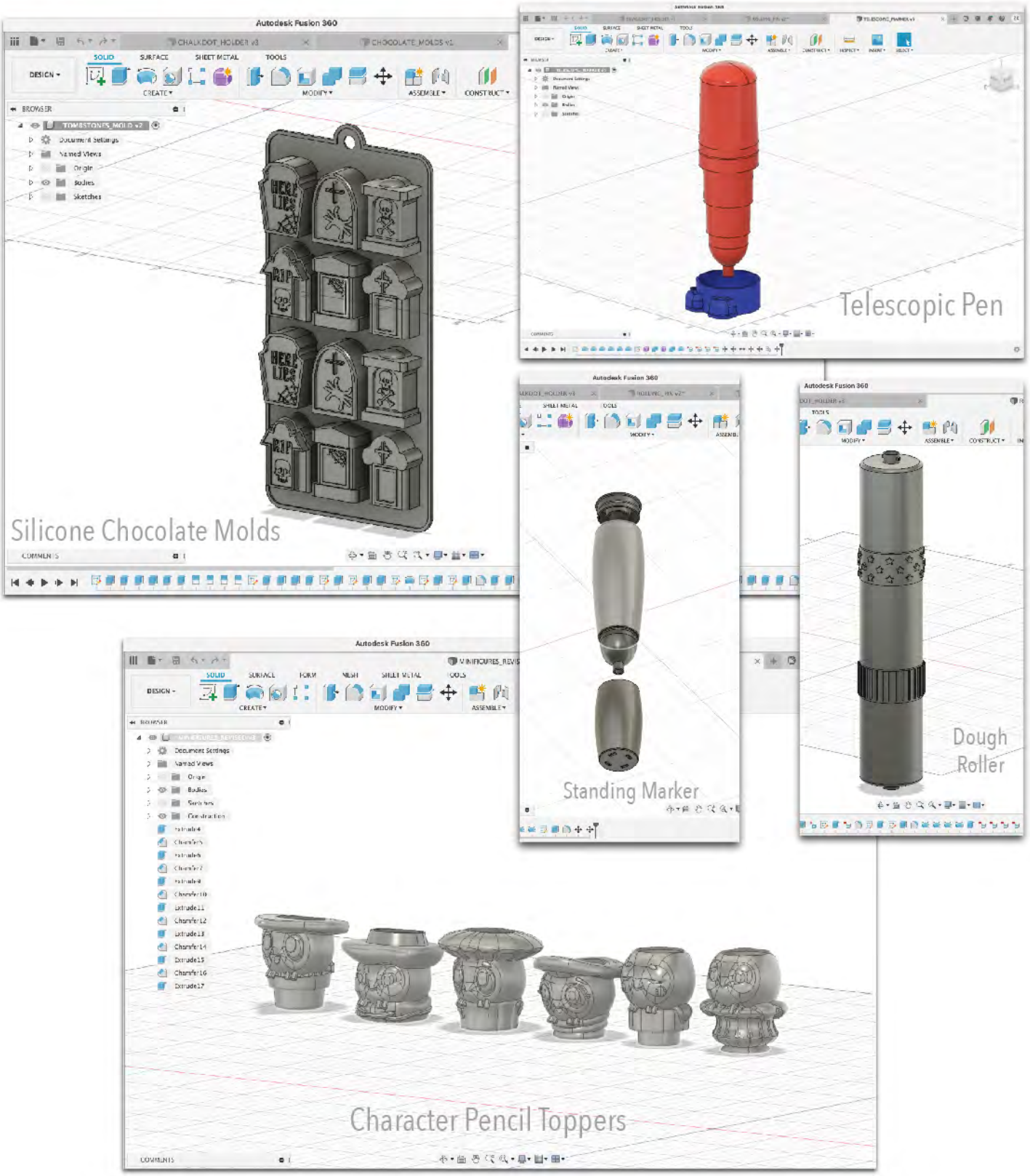


3D Work

Bionic Builders

These were 3D characters that I created for use in packaging, animation and 3D printing. These were my favorite crew to work on because I loved all the little details in the drawings and the modeling. I created the vector drawings and the 3D assets (both organic and hard surface non-destructive) and the 3D rendering.

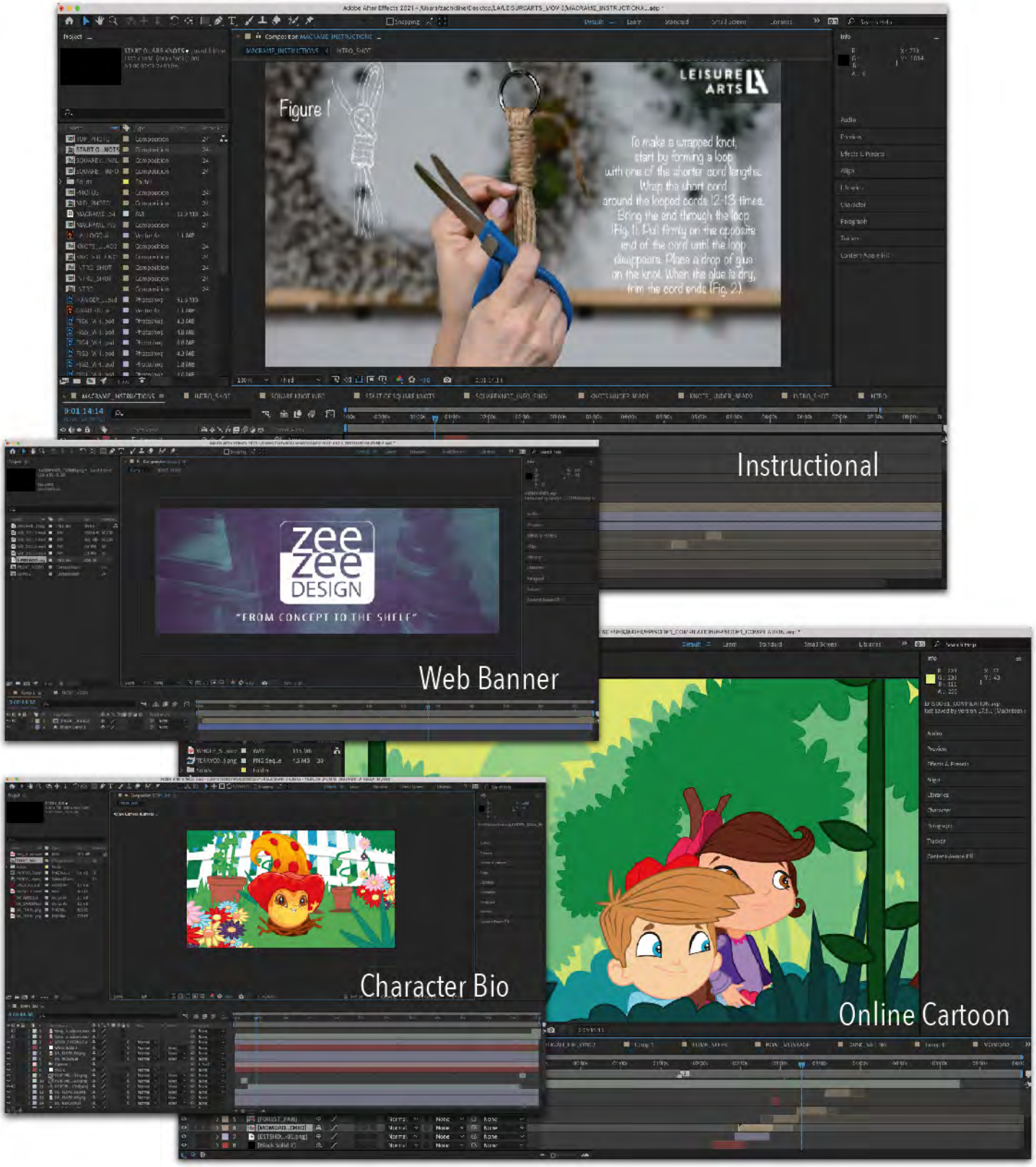
CAD



CAD projects

These were various 3D CAD parts I created for a number of different projects relating to the consumer product roles that I have held. In addition to my packaging, illustration, and mockup duties, I was also in charge of all things three dimensional.

Video Production



Video Production

These were several projects that I composed in after effects. From web banners to cartoons to instore advertisements, I have worked on a range of video projects. Above are a few of them.

Resin Coasters Kit

The craft department at Walmart regularly looks to Leisure Arts for new and trendy craft products to include in their everyday mod as well as their featured endcaps. I designed the product and the packaging and art directed the photo shoot.

Resin Jewelry Kit

This Resin Jewelry kit was for Walmart General Craft section. I designed the product and the packaging, and art directed the photo shoot.

Weaving Kits

These were for the General Craft section at Walmart. I designed the packaging and the product and art directed photo selection.

Packaging

Branding and Packaging for Walmart Paint-By-Numbers