theWONDRY

Do you shut your shades before changing? How would you feel if the police listened to your phone calls without a warrant? What if a screen displayed your live Internet activity for all to see? We recoil at such overt invasions, but often spend little time considering our privacy on-line.

Visiting researcher, Jared Moore, from the University of Washington School of Computer Science explores and informs our understanding of digital privacy in his installation at the Wond'ry.

Moore exposes the vulnerability of unencrypted web traffic on an open WIFI network thus highlighting the importance of encryption. He hints at the access that Internet service providers, websites, and the government have to our lives.

Connect to the vuExposed WIFI network to learn more!
or visit https://jlcmoore.github.io/vuExposed

Jared Moore is a master's student at the School of Computer Science at the University of Washington. Jared focuses primarily on the intersection of technology, human rights, and policy. While his official education is in the technical, he welcomes opportunities to educate and converse about issues important to him and society. His installation at the Wond'ry explores understanding and highlights the importance of digital privacy.

Mary Dockery, equally creative and analytical, has a Master's in Biomedical Engineering from Vanderbilt University. Mary has made a hobby of acquiring new hobbies, and enjoys applying these skills with engineering techniques for creative problem solving. She is passionate about innovative design thinking to make a positive impact in the lives of others. Mary designed and constructed the display case for this installation in the Wondr'y.

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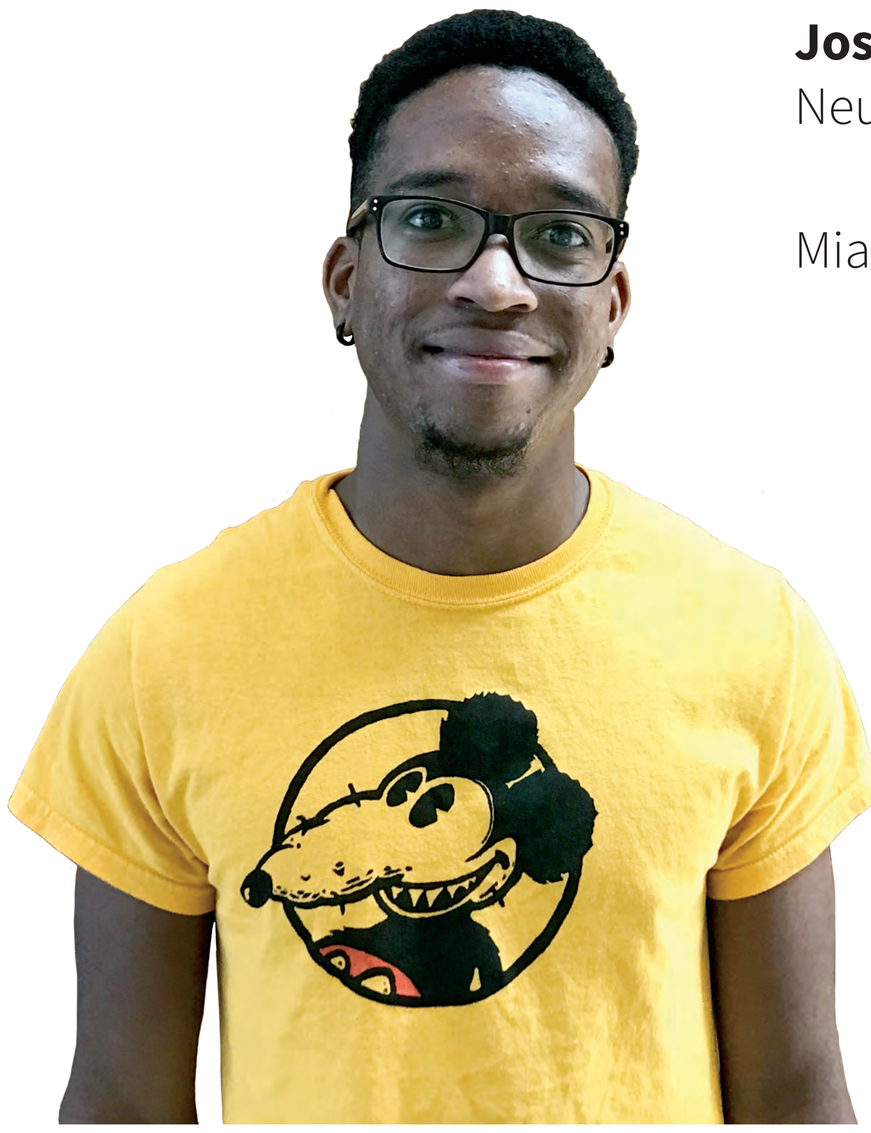
Wknot

Our process:

We wanted to select a medium that was new to both of us so that we could blend our working styles. In contrast with other art mediums, string art is forgiving of mistakes. The ability to make mistakes freely allowed for us to experiment and ultimately arrive at a better, more developed end result. A blend of structure and creativity, string art allowed us to create in a hands on way that drew on our backgrounds in art and engineering. Although the sculpture looks tedious to construct, we found that creating it was a therapeutic process which improved our day to day living.

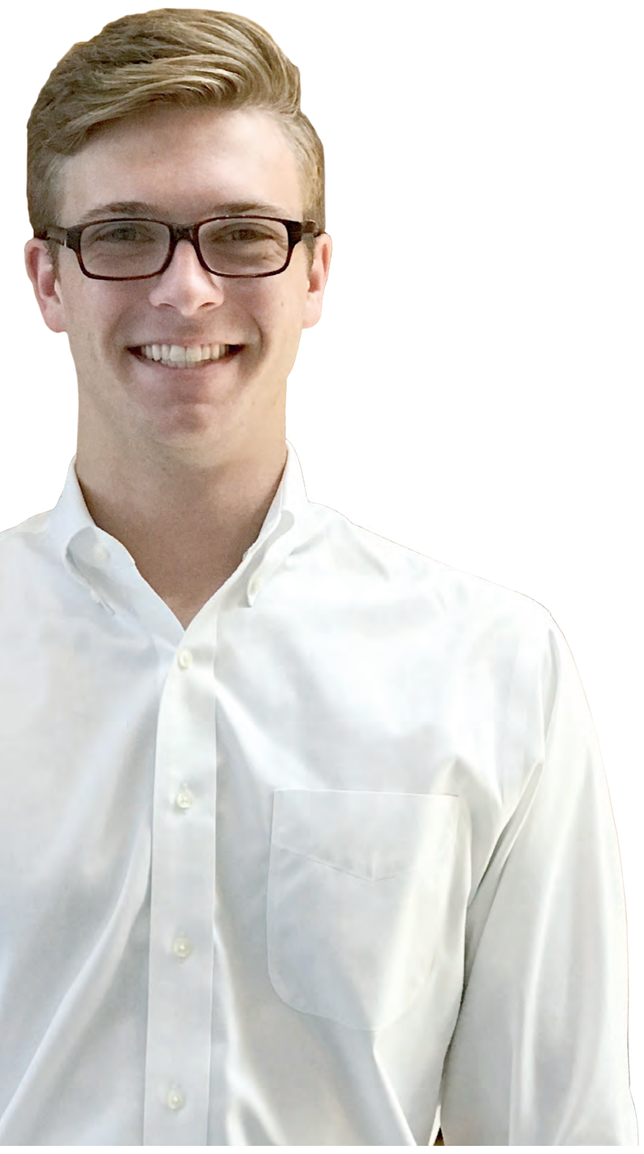
Inspiration for string art:

Wknot incorporates a visual language stemming from 19th century mathematical surface modeling as well as inspiration from a site specific string installation (ie. Anne Lindberg's "Redberry" installation at the Aertson hotel) which creates precise, tactile landscapes reminiscent of an urban grid, a computer motherboard, a field of grass blades, and more. Each distinct triangle uses a primary color selection inspired by Google as well as the outdoor colored glass on the Wond'ry windows. Furthermore, the geometric pattern inside each of the 5 colored triangles uses mathematical graphing concepts ranging from planar grids to parabolas and labyrinths.



Josh Forges is a rising senior majoring in Neuroscience and Art

Miami, Florida.



James Cavenaugh is a rising senior majoring in Industrial Design and Engineering Management

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