CARTOGRAPHY AND GEOGRAPHIC INFORMATION SYSTEMS, BS

Hasn't everything already been mapped? Cartographers are not explorers charting borders in an ancient time. We are artists, community organizers, data scientists, visual storytellers, and full-stack web developers visualizing our world. In an era of massive data sets and location-based applications, maps and geospatial data have never been more important to assist in decision-making and envisioning our future.

The Cartography and Geographic Information Systems (GIS) major covers the conceptual foundations and technical skills needed to harness maps and geospatial data. Courses range from graphic design and web mapping to big-data analytics and mobile application development: all have important laboratory components working with industry-standard cartography and GIS technology. So, yes, everywhere has been mapped in some form, but in a dynamic world driven by information and technology, cartographers and GIS professionals are needed now more than ever to help us understand our changing planet.