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Message from School Chair

David Bader
Professor and Chair
School of Computational Science and Engineering

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We're experiencing computation at scales never before seen and every sector, whether it be health, national security, environment, manufacturing, etc., is looking at new technologies and data science and what they can mean for their company's output. It is critical to figure out how to translate this data into products and services and into your business so you can remain at, or rise to, the top of your field.

In response to global markets, industry is forced to negotiate a web of political and cultural boundaries even as major economic, environmental, and social challenges increasingly stretch across international borders. Whether it's a global supply chain, an emerging international market, or any number of massive data sets generated from dozens of databases in an equal number of nations, the power to apply the latest computation-based innovation is vital to compete.

Almost every day, the internet and applications produce large sets of data. These large sets of data are analyzed, combined, and visualized to shape and define the behavior of your target audience, to affect your bottom line. From measuring, predicting, and shaping the behavior of your target audience, to discovering hidden relationships, connections and results with visualizations to creating novel computing solutions for your particular needs—CSE's abilities commensurate with the international market, or any number of massive data sets generated from dozens of databases in an equal number of nations.

CSE researchers and partners all benefit from our partnership. On experience that is unlike any other university or department, researchers having the opportunity for hands-on experience unparalleled in the southeast.

In doing so, CSE delivers the tangible benefit of shaping the behavior of your target audience, to discovering hidden relationships, connections and results with visualizations to creating novel computing solutions for your particular needs—CSE's abilities.

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Taking a high-level view of the CSE building, CSE will be the only school moving in its entirety to the new building which will serve as a collaborative hub with industry partners, major companies, and startups. In Coda, CSE students and faculty will work in a collaborative environment which will offer a centralized atmosphere unparalleled in the southeast.

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