

SUPPORTING PERSONAL FINANCES WITH EMBEDDED VISUALIZATIONS

ADVISOR

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GENERAL TOPIC

This project will study how situated data visualization tools can support better personal analytics. Data visualizations are already used by analysts and decision makers in many fields. However, everyday people lack tools to make sense of their own data. Current research on personal analytics is promising, but mostly restricted to desktop and mobile apps. This project will go further, exploring situated data representations, which visualize data near the physical space, object, or person it originates from. For example, small e-ink displays can be distributed in physical spaces or attached to people and personal objects, showing data where it is needed. We will investigate one application areas for personal data: finances.



INTERNSHIP TOPICS

The goal of the internship is to implement one or several examples of situated data visualizations for personal finance and derive a design space for possible applications in this area.

REQUIREMENTS AND EXPECTATIONS

The student should have followed an HCI, Information Visualization, or Visual Analytics Course. Some knowledge on fabrication is a plus but most importantly the student should be excited about working creatively.