

Flexible data visualization

Thesis topic

Briteback Explore is the next generation research app, built on the Briteback platform. Briteback Explore has an advanced survey tool for data collection, currently being used by many universities and other research organizations world-wide. We are especially well-positioned within the sports community with e.g. IAAF as a partner.

So far Briteback Explore has been focused on data collection, with a CSV-file export as the only solution for results presentation and analysis (e.g. through Excel or SPSS). However, some of our customers are looking for an integrated solution for visualizing results, to make the collected data more actionable. An interest challenge in this is how to deal with recurring surveys for longitudinal data collection, and how to visualize this data.

This thesis project is about extending Briteback Explore with a results presentation solution:

- Analyze and evaluate existing Javascript (& React) data visualization packages (e.g. D3) in terms of flexibility and customizability
- Implement the most promising visualization package as a presentation solution in Briteback Explore
- Document the implementation experience as an evaluation of the chosen package

This thesis project is suitable for 1-2 students. The successful candidate(s) will be working from the Briteback main office in central Norrköping.

How to apply

Send your resume, application letter and links to relevant github repositories to David Erenger, CTO at david.erenger@briteback.com.

About Briteback

Briteback is a Swedish high-growth company providing custom enterprise messaging solutions to medium-to-large enterprises. Briteback is located in Norrköping, Sweden, and New York, USA.

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