

# Emīls Bernhards

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## Skills

**Languages:** Javascript, Typescript, Node.js, SASS, CSS, HTML5, and some experience with Java, Python.

**Libraries:** React.js, React Native, Redux, Next.js, Koa.js, Express.js, Mocha.js, Chai.js.

**Tools:** Git, Docker, SQLite, MongoDB, PostgreSQL, Babel, Webpack, Traefik, Nginx.

## Experience

**Student assistant at University of Twente**

May 2021 - Present

- Help maintain a geospatial data analysis platform. It is a Docker-based JupyterHub dynamically serving Jupyter Notebooks.
- Write user manuals for the platform and convert them into one big Sphinx-based documentation.
- Plan a multi GPU-rig for machine learning purposes.
- Write big geodata newsletter.

## Projects

**Rainbow tracker ([Github](#))**

Elaborate time tracker that facilitates recording and analyzing every 15 minutes of your life using user defined categories and activities. Includes a Typescript React.js frontend and a Typescript written Koa.js REST API backend.

**Batavierenrace app ([Github](#))**

A demo Android application developed for the Batavierenrace relay race. The app is meant to simplify and improve the participant experience by features such live chat with volunteers, overview of the whole race as well individual routes, and more. Written with React Native and Firebase backend.

## Education

**University of Twente**

Sept. 2020 - Present

Business Information Technology

**International School of Twente**

Sept. 2017 - May 2020

International Baccalaureate