Emīls Bernhards

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Skills

Languages: Javascript, Typescript, Node.js, SASS, CSS, 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)
Android application developed for the Batavierenrace relay race. The app is meant to simplify and improve the participant experience by features such as l live chat with volunteers, overview of the whole race route as well as 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