Joakim Riikonen

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EDUCATION

University of Turku   **Summer 2020**
Bachelor's Degree in Information Technology

SKILLS

Programming Languages	JavaScript, Python, Java
Web development	HTML, CSS, React, Django, Express, Node.js
Databases	SQL (MySQL, PostgreSQL), MongoDB
AI and data science	Tensorflow, NumPy, Pandas, Matplotlib

PROJECTS

CRUD-app for recipe storage

- Allows the user to store and view recipes
- The recipes are saved into a SQL database
- The server is built with Django, which servers the data to the React-app via an API

Single-page app that tracks public transportation

- Uses the Föli open API to track buses in the Turku area
- The mapview is built with React and LeafletJs
- The server that parses and modifies the data from the API is built with Express

Convolutional neural network capable of recognizing finger alphabets

- A neural network created with Tensorflow which successfully categorizes images containing finger alphabets
- The training data was processed and visualized using Numpy, Pandas and Matplotlib
- Bachelor's thesis project

CERTIFICATES

Full Stack Open 2019

- A course about modern web development offer by the University of Helsinki
- Covers React, Redux, Node.js, MongoDB and GraphQL technologies