



Xiao Liu

Full Stack Javascript Developer

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Work Experience

Lition Energie GmbH

Full Stack Developer

November 2019 - Present

Lition is a licensed energy supplier that use blockchain-based peer-to-peer trading to connect consumers with green energy producers.

I am work in an agile development team with the development and maintenance of www.lition.de (frontend, backend), including:

- End-to-end development of new features
- Automated test and visual regression test
- End-to-end testing with continuous integration
- Backend and SQL database integration via REST-API

Stack: React, Node.js, Next.js, Jest, SQL, Headless CMS.

Tools: Google Cloud API services, Azure Cloud, Jira, Bitbucket, percy.

Industrial Analytics GmbH Berlin

IoT Developer

February 2019 – October 2019

- DOMO Plantwalk project. Dashboard development: UI design, frontend desktop app and mock-up backend with CoachDB.
- Comparison tests for communication protocols with combinations of servers & clients in Python, C (Open62541), Julia. Network traffic and hardware performance analysis.
- Avicomp gateway project: Data transformation between data source and opu-ua python server/client, data cleaning and restructure.

Stack: React, Node.js, CoachDB, Network protocols(opc-ua, mqtt, udp).

Activities

- Winner of Siemens MindSphere Rocket Club Challenge.
- Siemens MindSphere Bootcamp.
- Bosch Connected World (BCW2019) Hackathon: Simulation and control model for Bosch easy handling system.

English (Full Professional)
German (Daily Communication)
Chinese (Native)

Education

SPICED Academy

Full Stack Web Development
(2018 - 2018)

Karlsruhe Institute of
Technology (KIT)
Mechanical Engineering
(2014 - 2017)

UstA German language school
C1 Niveau, Deutsch
(2012 – 2013)

Tsinghua University
B.S, Mechanical Engineering
(2008 - 2012)

Skills

Html5, CSS3,
JavaScript, React,
Node.js, SQL,
Redux, Jest,
jQuery, three.js;
Python, Julia