R/C

AUTONOMOUS SYSTEMS ENGINEERING INTERN

Developed an autonomous driving algorithm using LIDAR technology as part of my 1-month internship at the renowned Fraunhofer-Institute in Watchberg, Germany. My software was implemented using C++ and the Robot Operating System (ROS).

Fraunhofer

WACHTBERG, 2014

SIDE PROJECTS

DOCMETRICS

Built a real-time predictive data analytics tool for doctors that leverages local climate, geographic and epidemic data together with individual patient data to help doctors recognize risks at an early stage and make better-informed treatment decisions. Won the first prize at the Public Health Product Forge 2018 together with my team.

MEMORIES

Built a full-scale social media app using React Native that makes it possible to collaboratively create content-rich memories and stories and share them by granularly defining permission and privacy settings. The technical implementation includes authentication, real-time updates over a Websocket, push notifications, a GraphQL backend with a sophisticated permission system, microservices, a Spotify API integration, video rendering, and real-time image processing and CDN.

The repository can be found on ragnor.co/memories.

SKILLS

JAVASCRIPT & NODEJS

PYTHON

HASKELL

JAVA

PHP

C++

SQL, NoSQL, GRAPHQL

GIT

DOCKER

LANGUAGES

ENGLISH

FRENCH

GERMAN

SPANISH

ITALIAN

DUTCH

ARABIC

INTERESTS

LANGUAGES

POLICIES & GLOBAL ISSUES

PHILOSOPHY

MUSIC

SPORTS

DESIGN

TRAVELLING