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PROJECTS

Crobasket   Jun 2020 – Sep 2020
- web application for connecting basketball players in local communities
  - personal summer project for learning purposes
- built with React and Firebase
  - used hooks, context and react-router in the frontend
  - used Cloud Firestore to persist data
  - wrote security rules to prevent unauthorized requests
  - implemented Firebase Auth API to authenticate users
  - used Firebase Hosting to deploy production version of the app

HGSStracks
Team leader   Oct 2020 – Jan 2021
- web app for communication between rescuers and emergency dispatchers
  - group project in *Software Engineering* course
- built with React, express and PostgreSQL
- personal contributions:
  - organized a team of 7 members including two exchange students
  - designed the database schema
  - managed the frontend team and reviewed their code
  - implemented the backend logic:
    * authentication
    * creating and managing rescue missions
    * communication with other rescuers
  - deployed the application to Heroku

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia
Pursuing BSc in Computer Science   Sep 2018 – Jun 2021
                                                                                       (expected)
- STEM stipendist for three consecutive years
- notable courses:
  - Advanced Java 1 (prof. Marko Čupić)
  - Databases (rank 4/522)
  - Software Engineering (rank 4/401)
  - Web Software Development (90th percentile)
  - Object Oriented Programming (85th percentile)
  - Algorithms and Data Structures (85th percentile)

TECHNICAL SKILLS

- Frameworks: **React**, **express**
- Programming languages: **JavaScript**, **Java**, **C++**
- Tools: **Firebase**, **Git**
- Other: **SQL**