

## PROJECTS

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### Crobasket

- 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
- Jun 2020 – Sep 2020

### HGSTracks

- 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

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### 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

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