

# DANILA KURGAN

Full Stack Engineer

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Authorized to work in the U.S.

 [dkurgan.github.io/portfolio/](https://dkurgan.github.io/portfolio/)

## EXPERIENCE

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### Volunteer Front End Engineer

AI VS COVID19

 06/2020 - Ongoing  San-Francisco  
 <https://github.com/aivscovid19/search-ui>

Online resource for biomedical researchers

- Developed efficient sorting and grouping algorithm for Foam Tree Library.
- Refactored codebase for better understanding onboard newcomers.
- Optimized state-handeling system to improve render performance.
- Developed many key features such as api requests, state handing.Component-based features such as pagination, messages, etc.

## SKILLS

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React Redux Node

JavaScript TypeScript Python

HTML5 CSS Sass

MongoDB OOP C/C++

## PERSONAL PROJECTS

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**Hooney**  <https://hooney.herokuapp.com/>  [github.com/dkurgan/Hooney](https://github.com/dkurgan/Hooney)  
Instagram type social network

Large Full Stack web application developed with MERN stack used JavaScript. Social network allows users share their customized photo memories with others and get feedback.

- Authentication, Authorization
- Posts, Profiles
- Customize photos with stickers
- Like, Comments
- Store photos on server
- Unauthorized user handling

**twentyfiveofus**  <https://twentyfiveofus.herokuapp.com/>  [github.com/dkurgan/25ofUsStore](https://github.com/dkurgan/25ofUsStore)  
Store for sister's brand

Full Stack web application, mostly client side, used Express React Redux Node stack with TypeScript. Mobile customers oriented, allows users browse store inventory, place order and get *real* courier delivery cost.

- API requests
- Collect user data
- Cart
- Mobile oriented
- Form error handler

## EDUCATION

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**42 Silicon-Valley** 01/2019- Present  
software engineering school

Headquartered in Paris, tuition-free computer programming school. Which offers strong computer science fundamentals with peer to peer corrections.

**MIREA - Russian Technological University** 09/2015- 06/2017  
bachelor's - computer security