

# Stanislawa Kutypov

Software Engineer

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## Summary

Stanislawa Kutypov is a passionate Software Engineer who has an extensive background in various coding languages, developing web applications, and building websites from the ground up. She switched from a career in art to pursue coding after missing technical problem solving.

## Skills

**Languages:** JavaScript (ES5, ES6+), C, Python, SQL, HTML, CSS (CSS3), SASS

**Frameworks/Libraries:** React JS, Redux, Redux-saga, React/router, Reselect, Gatsby JS, GraphQL, Canvas JS, webpack, npm, babel, Material UI, styled/components

**Tools:** Git, Visual Studio Code, Sketch

## Technical Projects

### [CONTACTS](#) / [Github](#) / [Live](#) / **Contacts management app with statistical analysis**

- Implemented tabular and tiled views of all contacts using React.js.
- Created reusable copy to the clipboard feature for email, phone number and address.
- Built multiple values search which filters the entire collection by name, nationality and gender without performance issues using Redux.
- Implemented statistical analysis by collection's size, people's gender and nationality.
- Performed asynchronous actions like fetching data from randomuser.me API with redux-saga.

### [BEST RUNNER](#) / [Github](#) / [Live](#) / **Workout tracking app**

- Built CRUD operations on a workout (distance, type, date and comment) with React.js.
- Implemented memoized filter by multiple values (distance, activity type and date) to optimize performance.
- Effectively executed weekly distance chart with Canvas.js charting library.

### [INTERCAMP](#) / [Github](#) / [Live](#) / **Technical interview preparation platform**

- Created user and guest profiles using React-router and redirect.
- Built authentication workflow with Firebase which supports Google, GitHub and Facebook SSO.
- Designed dynamically rendered quizzes cards with the ability to see the answer and add to favorites.
- Created a page for favorite questions with CRUD operations on them.
- Optimized the system design so all the updates are efficient and easy to make.

## Work Experience

### **Frontend Developer, Freelance, Self-Employed,**

07/2020 - Present

- Design/develop micro sites and landing pages using HTML, CSS, JS and React
- Use Ajax Requests, REST API for obtaining data in JSON format.
- Optimize pages for the maximum loading speed under 3 sec.

## Volunteering

### **Global Ambassador, WomenTech Network**

07/2020 - Present

- Develop leadership skills and expand the network by participating on talks and events.
- Work on diversity initiatives, and engage the public through a blog and social media.

## Education

### **HarvardX, CS50 - Introduction to Computer Science**

07/2020 - 12/2020

- Implemented a C program that quickly spell-checks a file, using a hash table data structure.
- Wrote a program that recovers lost JPEGs images from a memory card in C.
- Created a program that applies grayscale, sepia, blur and reflection filters to images using BMPs in C.
- Built a Python program to import student data into a SQLite database, and then produce class rosters.

### **freeCodeCamp, JavaScript Algorithms and Data Structures**

05/2020 - 07/2020

Object Oriented Programming, Functional Programming, Data Structures, Algorithms

### **Fine Art Academy of Naples, Visual and Performing Arts, 4.0 GPA**

09/2015 - 10/2019

Digital Art, Color theory, Engraving, Screen printing, History of Art, Anthropology