



ustinvaskin



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Portfolio



Blog



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📍 London, UK

📍 St. Petersburg, RU

📍 Oslo, Norway

## Expertise

### Industry Knowledge

Business Development, Grant-Writing, Research & Strategy, Scrum, SEO, Strategic Planning

### Methodologies

Agile, CRUD, ERDs, Extreme Programming, FLUX Pattern, MVC Pattern, OOP, REST, TDD, Wireframing

### Front-End

Bulma, Chart.js, CSS3, Figma, HTML5, JavaScript, jQuery, Leaflet.js, Material-UI, ReactJS, Storybook, SCSS, Webpack

### Back-End

Node.js, Python

### Frameworks

Django, Express, Mongoose

### Database

MongoDB, PostgreSQL, SQL

### CLI

Bash, Homebrew, npm, yarn

### Version Control

Git, Github, Heroku

### Interpersonal Skills

Adaptability, Critical Thinking, Diplomacy, Leadership, Loyalty, Public Speaking

## Communication

Russian (Native)

English (C2 Proficient)

Norwegian (A1 Basic)

German (A1 Basic)

## Profile

I am a detail-oriented, hard-working MSc student in Computer Science with Data Analytics online programme, experienced in **WEB & SOFTWARE DEVELOPMENT, DATA SCIENCE, CREATIVE CONCEPTION, AGILE & SCRUM METHODOLOGIES**. I find coding immensely satisfying and rewarding. I relish the logical and creative challenge that it poses. I am seeking to take the next career step with organisations passionate about their projects. I am looking for a fast pace environment with continuous learning opportunities. My strengths lie in my strong problem solving, communication skills and team working ability. I'm curious and enthusiastic by nature.

## Experience

### Arundo Analytics, Oslo • December 2020 – Present

🔗 [Arundo Analytics](#)

**Role** Front End Developer

### Algorithmicschool • Sept 2020 – Present

🔗 [algorithmicschool](#)

**Role** Part-Time Teacher

At Algorithmics, we want children and adults to learn skills that will help them in the future, no matter what profession they choose later. Our school offers courses where the children learn creative and logical thinking, how to work in teams and much more in an exciting and playful way.

I perform daily code reviews of the students work, ensuring they follow best practices and advising more efficient solutions to problems.

### ITMO University, Saint Petersburg • Feb 2020 – Present

**"Digital Urban Data" • Feb 2020 – Present**

🔗 [ITMO University](#)

**Role** Front End Developer

The National Center for Cognitive Development (NCCD), ITMO University. The platform is designed to support experts who analyzes the urban environment and identifying urgent urban problems. The platform provides a graphical interface for accessing data on urban objects, as well as models for assessing the urban environment. The program provides display of both static data about the city in the form of geometries and properties of urban objects in graphic and text

# Education

## ***MSc, Computer Science with Data Analytics***

***January 2020 - Present***

University of York

Online, United Kingdom

## ***Postgraduate Diploma in Software Development and Data Analysis***

***September 2020 - November 2020***

Saint Petersburg State University (SPbGU)

Online, Russia

## ***Software Engineering Immersive***

***October 2019- Jan 2020***

General Assembly

London, United Kingdom

## ***BSc, Project Management***

***Sept 2014 – Jun 2018***

Moscow Financial University

Moscow, Russia

## ***BSc Economics***

***Sept 2014 – Jan 2015***

Douglas College

Vancouver, Canada

form, and dynamically generated estimates, providing the functionality of forming user request parameters using graphic elements.

The project, implemented at ITMO University, involves the creation of an informational/ analytical platform that provides relevant urban data and showcases while applying analytical methods.

- Development of methods and services based on AI technologies of a smart city - banking services.
- Development and adaptation of digital platforms and services in the field of big data, machine learning and cognitive technologies for the needs of scientific, educational and innovative activities of ITMO University.
- Metacognitive technology for managing digital services in a smart city platform.

**Technologies** [Axios](#), [canvasjs](#), [d3](#), [Data Visualization](#), [Figma](#), [Git](#), [GitHub](#), [LeafletJS](#), [Matplotlib](#), [Nivo Charts](#), [Node](#), [NumPy](#), [Pandas](#), [Python](#), [ReactJS](#), [Scikit-learn](#), [Sass](#) [SQL](#), [UI](#), [Webpack](#)

## **Polare Ltd., London • Sept 2020 – Present**

**"ANO DO 'RK'" • Sept 2020 – Present**

 [Polare Ltd. UK.](#)

**Role** Lead Full Stack Developer

A website CRUD Application SPA. Educational Platform for students and teachers on the basis of NPO "Film Republic".

- Using Javascript to interact with the app on the Front-End.
- Implementing MVT architecture.
- Using Django as a back end for the app.

**Technologies** [Axios](#), [canvasjs](#), [Figma](#), [Git](#), [GitHub](#), [Django](#), [Python](#), [ReactJS](#), [UI](#)

## **Codebar, London/ Helsinki • Apr 2020 – Present**

 [codebar.io](#)

**Role** Coach

codebar is a non-profit initiative that facilitates the growth of a diverse tech community by running regular programming workshops.

The goal is to enable underrepresented people to learn programming in a safe and collaborative environment and expand their career opportunities. To achieve this we run free regular workshops, regular one-off events and try to create opportunities for our students making technology and coding more accessible.

## **General Assembly, London • Oct 2019 – Jan 2020**

UstinVaskin-SEI-44-Project-4

**"SEI-44 " • Apr 2019 – Jan 2020**

# Certifications & Courses

## *iOS 13 & Swift 5 - The Complete*

### *iOS App Development Bootcamp*

Udemy, Jan 2020

## *React - The Complete Guide (incl*

### *Hooks, React Router, Redux)*

Udemy, Dec 2019

## *ML Algorithms in Python and R*

Udemy, Nov 2019

## *UI Javascript Frameworks*

MIPT & Yandex, Moscow Oct 2019

## *The Complete 2020 Web Develop-*

### *ment Bootcamp*

Udemy, Sept 2019

## *Business for NPOs*

Centre of Civil Initiatives, Yugra

Foundation, Russia, Aug 2018

## *TCP*

BC Construction Safety Alliance

Vancouver, Jun 2016

## *First Aid Level 1*

Red Cross Moscow 2017, Sept

2015

# Intellectual Property

## *Urban data presentation interface*

Computer Program

[fips.ru 2020667603](https://fips.ru/2020667603)

**Author** Ustin Vaskin M.

**Owner** ITMO University

# Hobbies

Hiking, Learning, Paragliding,

Reading, Volunteering, Writing

## *Role* Software Engineering Immersive Student

A full-time student on the Software Engineer Immersive program that includes over 500 hours of professional training taught by industry experts over 12 weeks.

## **"Q Gen" • Dec 2019 – Jan 2020**

<https://qbloggen.herokuapp.com/#/>  [UstinVaskin-SEI-44-Project-4](#)

### *Individual project | 10 days*

Q Gen is a Social Network platform where users can publish, discuss and share ideas, make friends, and create chats. A CRUD application built with ReactJS on the Front-End and Python and Django on the Back-End, using SQL database and Django REST framework.

**Technologies** [Adobe XD](#), [Babel](#), [Bulma](#), [Django](#), [Git](#), [GitHub](#), [HTML](#), [ReactJS](#), [UX](#), [Webpack](#)

## **"BAMBOOK" • Nov 2019 – Dec 2019**

<https://bambooklove.herokuapp.com/#/>  [andre-urbani/project-3](#)

### *Group project | 7 days*

BamBook is a Full-Stack Web Application for authors and book-lovers that allows users to discuss, books, post their own stories, browse those of others and communicate with each other. It is a CRUD application built with a MERN stack. My main responsibility was to build out the back end: the models, the RESTful API, the User Authentication. On the front end, I was responsible for layouts and forms.

**Technologies** [Adobe Illustrator](#), [Axios](#), [Babel](#), [Bluebird](#), [Bulma](#), [Express](#), [HTML](#), [JavaScript](#), [MongoDB](#), [Mongoose](#), [Node.js](#), [Promise](#), [ReactJS](#), [SCSS](#), [Webpack](#)

## **SUN & MOON • Oct 2019 – Nov 2019**

 [UstinVaskin/MOON-SUN](#)

### *Paired project | 4 days.*

This is a Web App that accurately shows the state and phase of the Sun and Moon in any place with a daily-updated horoscope. The project was built in ReactJS using external APIs.

**Technologies** [API](#), [Bulma](#), [CSS](#), [Git](#), [GitHub](#), [ReactJS](#), [UX](#)

## **FlixBBox • Oct 2019 – Nov 2019**


 [UstinVaskin/FlixBBox-Movie-Library](#)

### *Paired project | 5 days.*

FlixBBox is a Web Site - TV & Movie Database with custom-built filters using Third-party APIs.

**Technologies** [API](#), [CSS](#), [Git](#), [GitHub](#), [ReactJS](#), [UX](#)

## **Penguin-Game • Oct 2019 – Nov 2019**

<https://ustinvaskin.github.io/Penguin-Game/>  [UstinVaskin/Penguin-Game](#)

# Keywords

Artificial intelligence, Full-Stack Developer, Machine learning, Programming, Solving complex problems, Web development

## *Individual project / 3 days*

It is my variant of Google's Dinosaur Game (T-Rex run!) with an icy twist – controlling the dinosaur (penguin) with a Machine Learning Speech Commands model.

- Designed logic for winning & visually displayed, implemented an ML Speech Commands model, semantic markup for HTML and CSS
- Technologies** CSS3, Git, GitHub, HTML5, JavaScript (ES6), OOP

## **Sink a ship, baby! • Oct 2019 – Nov 2019**

<https://ustinvaskin.github.io/Sink-a-ship-baby/>

UstinVaskin/Sink-a-ship-baby

## *Individual project / 7 days*

Utilized HTML, CSS and JavaScript to build a grid-based vanilla JS game in the browser (Version of Battleship) in a week. It was my first real-world practice with JavaScript and the DOM.

**Technologies** CSS3, Git, GitHub, HTML5, JavaScript (ES6), OOP

## **Department of Education, KhMAD- Yugra • Dec 2017 – Jun 2018**

### **Accessible Education for Children • Dec 2017 – Jun 2018**

<https://hmao.pfdo.ru/>

**Role** Project Lead

A mechanism of financial support for extracurricular education, designed to explore educational paths. Also allows assigning a portion of financial support for educational courses. The system is also revealing especially popular extracurriculars while also facilitating providers to respond to actual demand.

- Developed the program concept and methodologies for informational and organisational support.
- Collected data on the educational organisations in KhMAD- Yugra. Followed a series of meetings and workshops to design a draft project. Built a prototype and user-tested it. Incorporated user feedback from testing.
- Coordinated with software engineers to implement the data-informed designs and features of the personalised education portal (hmao.pfdo.ru).
- Launched the initial version at a Regional Level.
- The project was later scaled up to a Federal Level.

**Technologies** A/B Testing - Optimizely, Adobe After Effects, Adobe Photoshop, Adobe XD, Agile CRM, CSS 3, Google Analytics, HTML 5, JavaScript, MySQL, SWOT analysis

## **FR (NPO) • Nov 2017 – Sept 2019**

**Co-founder & CEO • Nov 2017 – Jul 2019**

**Role** Co-founder & CEO

Organisation's aim is to enable children with disabilities in Nizhnevartovsk to get involved in film production and theatre.

- Raised ~₽10M (CA\$200K / US\$150K) from private and government sources.
- Planned and executed the production schedule including human and material resources.
- Designed training programs for new employees and ongoing projects to improve effectiveness of existing staff.
- Won 3 municipal and 2 federal awards for “Integration of theatrical and cinema art in the field of education and social adaptation”.
- Designed and implemented a diversified financial strategy to provide Film Republic with independence from funders.
- Expanded school by acquiring additional staff and workspace (eventually the whole building) and two other locations.

**Technologies** A/B Testing - Optimizely, CSS 3, Google Analytics, HTML 5, JIRA, Microsoft Forecaster, SWOT analysis