# Anvar Ashurov

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## SKILLS

**Ruby, Rails, JavaScript, React, Redux, HTML, CSS, SQL, Git, PostgreSQL, jQuery, RESTful APIs, Ajax, AWS**

## EDUCATION

**BA Computer Science –** Queens College                                                May 2019

**BS Quantitative Economics –** Queens College                                       May 2019

**Web Development –** App Academy                                                        Oct. 2019

## COURSEWORK

Data Structures Algorithms OOP in C++ Java Discrete Structure Computational Finance Numerical Analysis Theory of Computation Probability Statistics Calculus I, II, III

## PROJECTS

**thefacebook** (Ruby on Rails, ReactJS, Redux, HTML, CSS, PostgreSQL   , AWS)          **live | github**

*Single-page full-stack web application that mirrors the functionality of Facebook*

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only make changes to their own profile, posts, and comments
- Employed React to resolve components that render upon change of state rather than a full refresh decreasing the amount of time to navigate through pages
- Utilized Amazon Web Services S3 (AWS) that allows users to upload personal photos in order to have a more personal user experience

**rukiverX** (JavaScript, HTML, CSS, Google Maps API)                                    **live | github**

*A visualization of statistics from the city's crime complaint data by NYPD*

- Built a parser that takes to convert it to JSON that allows for easy visual editing
- Manipulated DOM using Vanilla JS to enable dynamic user interaction with the visualized data
- Utilized Google Map API and Heatmap to provide an intuitive illustration of data to the user

**CUNYHackathons** (PHP, MySQL)                                                           **github**

*A social platform where students can chat, build teams, and compete in City Hackathons*

- Designed normalized backend schema with unique user roles that accommodates seamless user operations such as messaging, creating groups, and fetching user information
- Communicated with frontend developers through daily scrum meetings to identify daily plans and refactor burndown chart based on task completion
- Built a query string based on multiple user specifications to reduce frequent database requests that otherwise would be costly and inefficient

## EXPERIENCE

**Portfolio Manager**

*Self-Employed*                                                                            Jan. 2016 – Aug. 2019

- Analyzed over 20 stocks market data and developed a strategy with adjusted personal risk level that makes a consistent 18-22% annual profit
- Refactored strategy over time by analyzing the relevant data stored in the private database to adjust risk level and portfolio to latest market behaviour

**Tutor**

*Academic Support Center, Queens College*                                                 Sept. 2017 – Dec. 2018

- Taught introductory and intermediate Economics courses to the group undergraduate students
- Developed and implemented comprehensive lesson plans that accommodated specific level of learners while offering support to make certain each student was able to grasp materials