

# Alexey Aulov

(917) 500 – 9928 | [AlexeyAulov@outlook.com](mailto:AlexeyAulov@outlook.com) | Brooklyn, NY | <https://github.com/AlexeyAulov> | <http://www.linkedin.com/in/Alexey-Aulov> | <https://alexeyaulov.com/>

## EDUCATION

**College of Staten Island (CSI), City University of New York (CUNY)**

Staten Island, NY

Bachelor of Science in Information Systems and Informatics | GPA: 3.20/4.00

May 2022

### **Relevant Coursework:**

Advanced Web Development, Python Data Structures for Business, Discrete Mathematics. Database Design, Calculus 3, Probability Theory and Mathematical Statistics, Introduction to Business Law, Project Management, Business Intelligence

## SKILLS

**Programming:** JavaScript, React, Python, C++, SQL, HTML5, CSS, SAS, Tailwind-CSS, Bootstrap, Git/GitHub, Trello, Figma, Node.js, Postgresql, Postman, Spyder, Vs Code, Vs Studio, Tableau

**Spoken Languages:** Russian (Conversational)

## PROJECTS

### LabGraph, Open Source Contributor

May 2022 – Aug 2022

- Worked with team of 2 to improve the performance of the LabGraph Monitor API built with Python.
- Refined the API performance by eliminating redundancy in the API design.
- Imported and utilized Cthulhu and C++ for streaming and data visualization performance.
- Revised LabGraph Monitor GUI with Typescript to enhance the functionality of the GUI.

### Essential Health

Jan 2022 – Present

- Created a PERN stack application intended to help clients find therapists based on their occupation
- React, React Router Dom, Bootstrap, and Bootswatch were used to create the client side application.
- Used Express and Node.js to create fetch points and server side logic.
- Applied JWT Tokens for authentication and authorization, and Bcrypt for hashing.
- Integrated Postgresql as a dbms.

### Time Swing

Oct 2021 – Dec 2021

- Developed an agenda tracker that can be easily used to create, store and transfer an agenda from one device to another without losing any information.
- Implemented using the front end with React and Bootstrap.
- Displayed a map and the location of the user with React Google Map and React Geocode.
- Used Node.js for Backend, Express.js for Route managing, Passport for authentication, Sequelize for dbms communication, and PostgreSQL as a dbms.
- Designed Time-Swing with qrcode.js to provide a QR code to simplify transfer agenda from device to device.

## RELEVANT EXPERIENCE

### **Major League Hacking**

New York, NY

Meta Open-Source Contributor

May 2022 – Aug 2022

- Selected out of 10% of candidates to participate in a 12-week open-source fellowship.
- Collaborated with Meta to contribute to an open-source project, like Lab Graph (interactive visualization tool for real-time streaming changes) to improve scalability, performance, and modularization of LabGraph.
- Met weekly to update the mentors on any changes to the open source project.

### **Tech Talent Pipeline**

New York, NY

Teachers Assistant

Jan 2022 – Feb 2022

- Assisted and guided 12 students through their tasks while teaching various concepts related to the technology stack.
- Graded assignments and provided students with thorough comments on how they can improve their coding.
- Taught seminars on JavaScript DOM, React.js, Redux, Git and GitHub, and Backend development, as well as a variety of other topics.

## SUPPORTING EXPERIENCE

### **CUNY Tech Prep (CTP)**

New York, NY

Fellow, Software Development

Jun 2021 – Present

- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development, and CI/CD

Ambassador, College of Staten Island

Oct 2021 - Present

- Conducted outreach events for prospective fellows to understand the benefits of CTP
- Developed and implemented social media marketing to significantly increase the audience for CTP recruitment.