

# Alexey Aulov

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## EDUCATION

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

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

Staten Island, NY

Expected 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

**Technologies:** Spyder, Vs Code, Vs Studio, Tableau, Git/GitHub, Trello, Figma, Node.js, Postgresql, Postman, Adobe Photoshop, MariaDB, Adobe Acrobat, Xampp, PHPMyAdmin

**Spoken Languages:** Russian (Conversational)

## PROJECTS

### Tranquility

Oct 2020 – Dec 2020

- Worked with team of 4 to develop a web application that won [best front end design](#) in CTP Hackathon
- Developed a full stack web application that helps users with mental health issues find resources without any human interaction.
- Used React for front end, Supabase Database for managing data, Vercel for hosting, GraphQL for server side fetching, and Axios for api requests.

### MotoGP Database

Feb 2021 – May 2021

- Developed a logical database design that enables different companies in MotoGP to store available positions inside of their companies and the number of applicants per position.
- Implemented DDL and DML using SQL.
- Designed a conceptual model to determine appropriate relationships between the tables for the design.

### Covid-19 vs Traffic Count

Feb 2021– May 2021

- Wrote a script with python to understand if there is a correlation between Covid-19 case count and 2020 traffic count.
- Used Panda library to import three data sets to determine relationship factors with aggregates.
- Imported matplotlib to create graph models to make analysis and conclusions on relationships easier to understand visually.

## RELEVANT EXPERIENCE

### **Pathways to Trust**

New York, NY

Software Developer Intern

Jun 2021 – Present

- Revamped existing website to modern date design and practices
- Used Figma to demonstrate different design approaches
- Managed team of 8 utilizing Trello to organize and manage different tasks needed for the website

### **Hadassah Academic College**

New York, NY

Data Analyst

May 2020 – Aug 2020

- Organized and visualized data to using SAS
- Ran Correlation Matrix Model with SAS to find any correlation of activities and age of students at a selected school.
- Correlations help identify the correct decisions to improve student life of the school.

## 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 audience for CTP recruitment

## ASSOCIATIONS

### **Emerging Ladders for Leaders**

Aug 2020 – May 2021

**President, Information System and Informatics Club, CSI**

Jan 2021 – Present

**Hillel, CSI**

Jan 2019 – Present